

The Seventy-second
ANNUAL CATALOGUE
of
Denison University
for the year
1902-1903



GRANVILLE, OHIO
1903

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DEPARTMENTS
OF
DENISON UNIVERSITY

Denison University Comprises Five Departments:

- I. GRANVILLE COLLEGE.
- II. SHEPARDSON COLLEGE.
- III. DOANE ACADEMY.
- IV. THE CONSERVATORY OF MUSIC.
- V. THE SCHOOL OF ART.

For Catalogue or other information,
Address, EMORY W. HUNT, D. D., LL. D., President,
GRANVILLE, OHIO.

UNIVERSITY CALENDAR.

1903.

March	21	Tuesday	Spring term begins at 9 a. m.
May	11	Thursday	Senior Vacation begins.
June	1-6	Tu., Fri., Sat.	Examinations.
June	7	Sunday	Baccalaureate Sermon, 10 a. m. Sermon before Christian Associations, 8 p. m.
June	8	Monday	Field Day. Commencement Concert, 8 p. m.
June	9	Tuesday	Graduating Exercises of Doane Academy, 10 a. m. Scripture Prize Reading, 3 p. m. Lewis Literary Prize Contest, 8 p. m.
June	10	Wednesday	Class Day Exercises, 10 a. m. Business Meeting of the Alumni. President's Reception, 8 p. m.
June	11	Thursday	University Commencement, 10 a. m. Alumni Dinner.
July	1	Wednesday	Examinations for Admission.
September	16	Thursday	188 Term begins at 9 a. m.
Nov.	26-27	Tu. and Fri.	Thanksgiving Recess.
December	18	Friday	Fall Term ends.

1904.

January	4	Monday	Winter Term begins 9 a. m.
January	28	Thursday	Day of Prayer for Colleges.
March	21-23	Mon., Tu., Wed.	Examinations.
March	23	Wednesday	Winter Term ends.
March	29	Tuesday	Spring Term begins.
June	9	Thursday	Commencement.

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at time
of filming

COMMITTEES.

EXECUTIVE COMMITTEE.

E. W. HUNT,

J. R. DAVIES,

B. CASE,

W. H. BOUGHTON,

E. M. DOWNER,

TORRENCE HUFFMAN,

D. M. SHEPARDSON.

AUDITORS.

J. L. GILPATRICK

W. H. JOHNSON.

• FINANCE COMMITTEE.

TORRENCE HUFFMAN, Chairman . . . Term expires 1907

W. H. DUANE, . . . Term expires 1903

J. K. MCINTIRE, . . . Term expires 1904

J. B. THRESHER, . . . Term expires 1905

E. J. BARNEY, . . . Term expires 1906

FINANCE EXAMINING COMMITTEE.

E. M. THRESHER,

EDWARD CANBY.

EXAMINING COMMITTEE.

H. H. BARBOUR,

C. J. BALDWIN,

R. F. PATT,

J. M. SWARTZ,

W. E. STEVENS.

LIBRARY COMMITTEE.

W. H. JOHNSON,

E. W. HUNT.

C. J. BALDWIN,

G. F. MCKIBBEN.

FACULTY OF INSTRUCTION AND OTHER OFFICERS.

*THE UNIVERSITY FACULTY.

EMORY W. HUNT, D. D., LL. D., PRESIDENT,
Maria Theresa Barney Professor of Intellectual and Moral Philosophy.
Residence, President's House, College Hill.

JOHN L. GILPATRICK, A. M., PH. D.,
Benjamin Barney Professor of Mathematics.
Prospect Hill.

RICHARD S. COLWELL, D. D.,
Professor of the Greek Language and Literature.
Prospect Hill.

GEORGE F. McKIBBEN, A. M.,
Professor of Romance Languages.
Elm Street, near Plum.

CHARLES L. WILLIAMS, A. M.,
Professor of Rhetoric and English Literature.
West Elm Street.

WILLIAM H. JOHNSON, A. M.,
Eliam E. Barney Professor of the Latin Language and Literature.
Burgh Street.

C. JUDSON HERRICK, M. S., PH. D.,
Professor of Zoology.
Burgh Street.

H. RHODES HUNDLEY, D. Sc.,
Dean of Deane Academy, with rank of Professor in University Faculty.
Elm and Cherry Streets.

*The term "University Faculty," as used in this catalogue, includes all persons giving instruction in the various departments of the University; the department faculties include in each case all persons giving instruction in the department in question.

CLARK WELLS CHAMBERLAIN, A. B.,
Henry Chisholm Professor of Physics and Chemistry,
West Elm Street.

THOMAS L. WATSON, M. S., Ph. D.,
Professor of Geology and Mineralogy,
East Broadway.

WILLIS A. CHAMBERLIN, A. M.,
Professor of the German Language and Literature,
West College Street.

HARRIET MARIA BARKER, A. M.,
History of Art,
Burton Hall.

WILL H. BOUGHTON, C. E.,
Assistant Professor of Civil Engineering,
Plum Street.

W. BLAIR CLARK, M. S.,
Instructor in Chemistry,
West Elm Street.

AUGUSTINE S. CARMAN, A. B.,
Lecturer in History,
South Cherry Street.

BUNYAN SPENCER, A. M., B. D.,
Associate in Philosophy and Instructor in Greek,
East Broadway.

NELLIE A. MONTGOMERY, A. B.,
English Literature and History,
Shepardson Cottage.

CHARLES B. WHITE, A. M.,
Instructor in Latin,
Mount Parnassus.

SUSAN MAXWELL MOORE,
Pianoforte, Ensemble Classes,
Thresher Hall.

DENISON UNIVERSITY.

JENNIE ELIZABETH BLINN,

Voice, Counterpoint.

Thresher Hall.

VIRGINIA BOND THORNE,

Drawing and Painting.

West Broadway.

CARRIE MARIE HOWLAND,

China Painting.

Broadway and Mulberry Streets.

*FRED L. HUSTON, A. B.,

Instructor in Greek.

C. EDMUND NEIL, A. M.,

Instructor in Oratory and Elocution.

West Broadway.

MARY EWART ADKINS, A. B.,

Physiology, and Physical Training.

King Hall.

ANNA B. PECKHAM, A. M.,

Latin Language and Literature.

King Hall.

CLARA ANNE DAVIES, B. S.,

Science.

King Hall.

ARTHUR JUDSON,

Professor of the Violin: Harmony, Orchestra, Form, History of Music.

Thresher Hall.

W. W. STOCKBERGER,

Instructor in Science.

Plum Street.

FREDERICK E. CLUFF,

Pipe Organ and Piano.

Thresher Hall.

* Absent on leave.

KARL O. BURRER,

Instructor in Mathematics and Assistant in Physics.

EDNA STRANATHAN,

Assistant in Voice, Ensemble Classes, Theory.

Treasurer Hall.

FRED S. LARUE,

Physical Training.

Academy Hall.

ALMA BLAISDELL,

Introductory Classes.

OFFICERS OF ADMINISTRATION.

THE UNIVERSITY SENATE.

EMORY W. HUNT, D. D., LL. D.,

President of the University.

J. L. GILPATRICK, Ph. D.,

Dean of Granville College.

R. S. COLWELL, D. D.,

Registrar of the University.

H. R. HUNDLEY, D. Sc.,

Dean of Doane Academy.

HARRIET M. BARKER, A. M.,

Dean of Shepardson College.

SUSAN M. MOORE,

Dean of the Conservatory of Music.

DENISON UNIVERSITY.

OTHER OFFICERS.

R. S. COLWELL,

Registrar, and Secretary of the Faculty,
(Office, C. H., West Hall, Second Floor, Front.)

WILL H. BOUGHTON.

Treasurer.

(Office, room 7, Doane Academy.)

REV. A. S. CARMAN,

Educational Secretary of the University,
(Office at Residence, South Cherry Street.)

W. BLAIR CLARK,

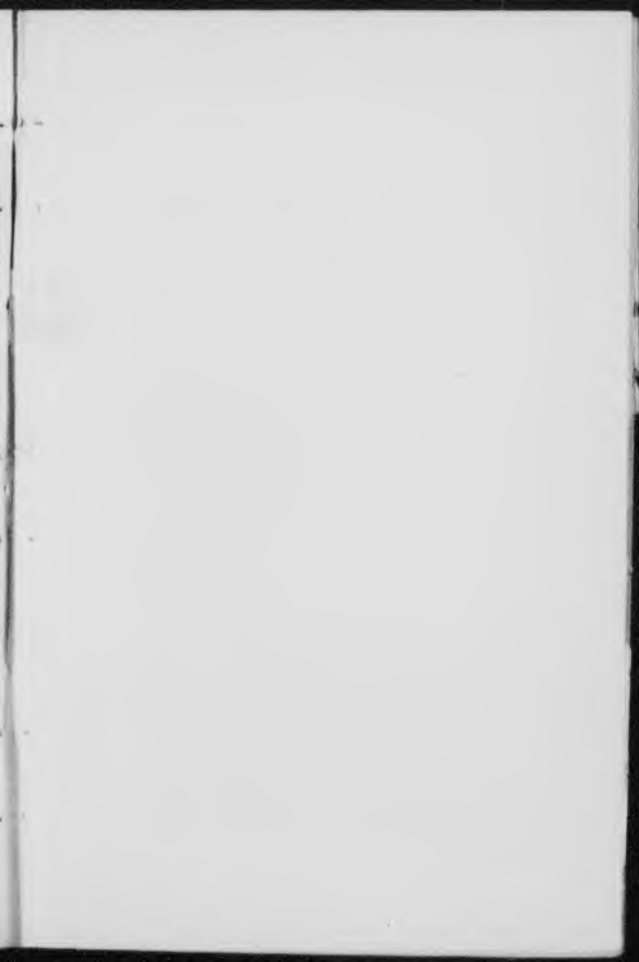
Treasurer, Shepardson College,
(Office in Thresher Hall.)

MRS. HELEN M. HUNT,

Matron of Shepardson College,
(Office in Burton Hall.)

ANNA B. PECKHAM,

Secretary of Faculty of Shepardson College,
(Office in King Hall.)





THE COLLEGE STEPS.

GENERAL INFORMATION.

LOCATION.

Granville, the home of Denison University, is situated in Licking County near the geographical center of Ohio. The moderately elevated and partly wooded hills by which it is surrounded furnish one of the most restful and beautiful landscapes in the State, — a natural environment admirably adapted to the spirit and purpose of college life. The community is of New England origin, and the continued resemblance of its daily life to that of the best type of New England village is frequently remarked. The intellectual, moral and religious level of the population is high, and every endeavor is made to bring students under the best influences. The introduction of saloons was prohibited by the vote of the people as soon as the laws of the State made such action possible, and no saloon has existed within the limits of the corporation for many years.

Granville is on the line of the Toledo & Ohio Central Railroad, and by electric cars to Newark has connection with all points on the Baltimore & Ohio, and the Pittsburgh, Cincinnati & St. Louis roads. It also has electric car connections with Columbus, Springfield, Dayton and various other points.

BUILDINGS.

The University in its various departments occupies sixteen buildings. Among these may be mentioned:

I. The structure now used as a gymnasium was the main college building previous to 1856. It is a three story frame, 68 feet long by 32 feet deep.

II. This building was erected in 1856 to provide dormitories, literary society halls and lecture rooms. In 1887 it was set aside for the use of Academy students. It is of brick, 132 feet long, 45 feet deep and four stories high.

III. This is a four story brick building, 133 feet long by 60 in depth, erected 1869-71. It contains dormitories for college students, lecture rooms, the Hall of the Young Men's Christian Association and the Book Exchange.

IV. This was erected in 1878 for the University Library, by Dr. W. Howard Doane. It is of brick and stone, built in the form of a cross, and well adapted to its purposes. Its shelves now contain nearly 30,000 bound and unbound volumes.

V. This building is the gift of E. J. Barney, Esq., erected in memory of his father, Eliam E. Barney, LL. D., one of the firmest friends of the University in its earlier days. It contains 44 rooms, devoted entirely to scientific work. A sixty horse power electric plant in the basement furnishes light for the various buildings of the University and electric current for purposes of instruction and experiment. A large storage battery furnishes current up to sixty amperes, for lights and laboratory purposes, when the dynamo is not running. Steam and gas are also thoroughly distributed for heating, lighting and laboratory uses. The

building is of buff pressed brick, 142 feet long and 78 feet deep. The various departments of scientific study have their laboratory and lecture rooms here. Several thousand dollars' worth of apparatus has been added during the last few years. This includes many of the best and most recent devices for physical, chemical, geological and biological research. A machine shop with power-lathes, wood-working machinery, screw-cutting tools and forge enables students to gain skill in apparatus construction. Regular classes in the shop usually work three hours a week through the Winter. Much valuable apparatus has in this way been added to the laboratories.

VI.
DOANE
ACADEMY.

This building, in addition to the Principal's office, the lecture rooms and society halls of the Academy, for which it is especially designated, contains the offices of the President and Treasurer, the President's lecture room, the lecture room of the department of English, and the University Chapel. It is of Oakland pressed brick and Amherst stone, and is three stories high above the basement. It was presented to the University by Dr. W. Howard Doane.

VII.
BURTON HALL.

This is a three story brick building, erected for the use of Shepardson College, in 1888. The interior is light and cheery in appearance, restful and homelike in effect, and complete in all its appointments.

VIII.
KING HALL.

King Hall was erected at a later date, to provide for the increasing patronage of the school, and contains rooms for about thirty young women. The rooms are of the same size, simi-

larly furnished, and open into corridors surrounding a large central court.

IX. DINING HALL. Teachers and students of Shepardson College, living on the College grounds except those in the Club House, take their meals in the Dining Hall, a bright, spacious room, fully equipped for its purposes and easily accessible to the two Halls above described, and the smaller cottages as well.

X. CONSERVATORY BUILDING. This is the gift of Professor and Mrs. A. U. Thresher, and is located on Cherry Street, opposite the square occupied by the buildings last described. It is devoted entirely to the Conservatory of Music, and contains fifteen rooms for instruction and practice.

XI. RECITAL HALL. The Recital Hall stands on Cherry Street, by the side of the Conservatory building. It is furnished with opera chairs and has a raised floor, giving each spectator an uninterrupted view of the stage. The stage is equipped with raised platform, has seating capacity for a chorus of seventy-five voices, and is furnished with Steinway concert grand and parlor grand pianos and a pipe organ, the gift of Dr. Doane.

LIBRARY PRIVILEGES.

The University Library is open under liberal regulations to the Faculties and students of all departments, and its contents are classified and arranged according to the Dewey system, thus enabling the reader to ascertain the resources of the Library on any given subject in the shortest possible time.

Aside from the general library there is also in Barney Memorial Hall, a large collection of special

scientific literature, including sets of the publications of Scientific Societies in all parts of the civilized world, and files of many scientific periodicals, American and Foreign. The Marsh Memorial Library, in King Hall, founded by Dr. and Mrs. Shepardson in memory of their daughter, Mrs. Lide Shepardson Marsh, furnishes a valuable collection of books for missionary and Bible study.

SCIENTIFIC PUBLICATIONS.

The "Bulletin of the Scientific Laboratories," published by the scientific departments under the auspices of the "Denison Scientific Association," affords an opportunity for the publication of original work by students in the several departments.

The "Journal of Comparative Neurology" is published quarterly from the department of Zoology, and affords an avenue of publication for the researches conducted in the neurological laboratory. It has the support and co-operation of the most distinguished neurologists of the day, not only in America but in all foreign lands where this important branch of scientific investigation is pursued.

Each of these publications has a large exchange list, and the scientific library is rich in serial literature.

LITERARY SOCIETIES.

There are six literary societies maintained in the different departments of the University, — The Calliopean and Franklin, open to all students in Granville College; the Ciceronian and Irving, of Doane Academy; the Euterpean and Philomathean, for the young women of Shepardson College. These all maintain

regular weekly meetings, and with but two exceptions have halls of their own.

CHRISTIAN ASSOCIATIONS.

There are maintained in the University vigorous branches of both the Young Men's Christian Association and the Young Women's Christian Association. These organizations maintain regular classes in systematic Bible Study, the Young Men's Association offering a four years' course comprising the Life of Christ, the Apostolic Age, Old Testament Biography, and New Testament Doctrines. Students taking this course receive certificates upon successful examination at the end of each year, and at the end of the course a diploma, under the auspices of the International Committee of the Young Men's Christian Association, Bible Study Department. Every phase of school life is represented in the membership of these organizations, and the zeal shown in the work is earnest and unremitting.

MORAL AND RELIGIOUS INFLUENCES.

The entire life and administration of the University, while avoiding sectarianism, is positively and emphatically in favor of the Christian religion. The exercises of each day begin with prayer in the University Chapel, and this service the students in all departments are required to attend. They are also expected to attend morning and evening church services each Sunday, full liberty being allowed to conscientious denominational preferences in selecting a place of worship. Students are welcomed in the various Sunday Schools of the village, and in the Baptist Sunday School there are several classes taught by University instructors and

intended expressly for students. During the current year, January 25 — February 1, a series of Bible Lectures and Evangelical Addresses was delivered by the Rev. Elmore Harris, D. D., President of the Toronto Bible Training School.

AIM.

The University has long enjoyed an honorable reputation for thoroughness, and other excellencies of mental discipline, and to maintain and advance this reputation, as far as possible, is the constant aim of Trustees and Faculty. Every possible resource will be employed to develop young men and young women in the most earnest and successful manner, physically, intellectually, and morally.

REGULARITY AND PUNCTUALITY.

Each term opens with the Chapel service, on the morning of the day scheduled in the University calendar. No student is allowed to be absent a term, or leave town during term time, without permission from the President, since absence from any University exercise, even for a few days, entails serious loss.

Punctuality at the beginning of the term is especially desired, as losses incurred by beginning behind one's classes can never be fully repaired. Although students will be admitted at any time, it is highly desirable that they begin their studies with the Fall Term. If the attendance is expected to be for but one term, that term is the best; if for longer, the regularity secured by beginning with the opening of the school year, in September, adds greatly to the profit of the study.

Every student, unless excused for special reasons, is expected to attend at least three recitations or lectures each day. Careful records are kept by the University officers, from which each student's character for punctuality as well as for attainments in his studies can at any time be ascertained. This information will be furnished to parents or guardians at the end of each term, and at any other time, on application to the President.

ABSENCES

1. Each student shall be allowed as many absences per term in a given subject as there are exercises per week in that subject, which absences shall not affect the term grade.

2. For absences in excess of this allowance the instructor shall deduct from the term grade one half of one per cent for each absence in studies which have four or five periods per week, one per cent in studies which have two or three periods per week, and two per cent in studies which have one period per week.

3. For each avoidance of an allowed absence the instructor shall add to the term grade by the scale of percentages enumerated in rule 2, except that no term grade shall be advanced beyond 100.

4. If the absences from Chapel exceed ten per cent, the student shall be summoned before the Faculty and such penalty shall be imposed as the Faculty may determine.

EXAMINATIONS.

A rigid examination of every class is held at the close of each term, usually both oral and written. A grade below six-tenths of the maximum for the given term in any class, regularity and good conduct being

factors in class standing, forfeits the right of the student to continue as a member of the class, but he may restore his standing by fulfilling such conditions as his instructor shall impose.

RULES FOR EXAMINATIONS.

1. All students, whether candidates for degrees or not, are required to attend all examinations in the studies they pursue.

2. No student whose examination in any study is reported "incomplete," will receive credit for that study until after examination has been completed, and such completion must in all cases be within one year from date of original examination.

3. Students falling below a grade of sixty in any study shall be reported to the Registrar either as "Conditioned" or "Not Passed." Any student reported as "Conditioned" may receive full credit for the study in question by fulfilling the imposed condition previous to the beginning of the third term thereafter. Any student reported as "Not passed," shall receive no credit for the study in question, and in order to complete his course must pursue the study again in class, or when that is impossible, in such way as the Faculty may direct.

THE DENISON SCIENTIFIC ASSOCIATION.

This society aims, in the words of its constitution:

- (a) To afford opportunity for the interchange of ideas by those interested in the various sciences.
- (b) To collect, record, and disseminate information bearing on the sciences.

(c) To stimulate interest in local natural history and to preserve notes and specimens illustrating the same.

It has been the means of much good in arousing a desire for original scientific investigation, and the interest in its work is constantly increasing.

For information concerning the Bulletin of the Scientific Laboratories, published under the auspices of this association, address the Permanent Secretary, W. W. Stockberger.

THE DENISON LANGUAGE ASSOCIATION.

This association was organized during the past year to stimulate interest in language study and unify the work of the various language departments of the University. All members of the University, whether students or teachers, may have their names placed upon the membership roll upon request, and no membership fee is required. Its meetings are held in Association Hall, Barney Memorial Building, every other week, alternating with the meetings of the Scientific Association. As the aims and working of the association come to be fully understood it is expected to be of great service to the linguistic and literary studies of the University.

THE DENISON ORATORICAL ASSOCIATION.

The aim of this organization is to promote interest in public speaking. Under its auspices a local contest is held each year to determine who shall be the representative of the college at the Inter-Collegiate Oratorical Contest. Occasional contests in debate with other colleges have also been arranged.

THE DENISON ATHLETIC ASSOCIATION.

The Athletic Association looks after the work in the gymnasium and provides other forms of physical culture, at once interesting and profitable to the student. The payment of an annual fee of one dollar, assessed by the University, constitutes each male student a member of this association, entitled to all its privileges and to a vote in its management. During the past year it has come into possession of a fine athletic field, presented by F. P. Beaver, Esq., of Dayton.

PRIZES AND HONORS.

The following prizes have been established in the University:

1. The Lewis Literary Prize Contest. Charles T. Lewis, Esq., of Toledo, offers to the Franklin and Calhoun Literary Societies the following prizes, to be obtained by literary contests during Commencement week: Forty dollars to the best debater, thirty dollars to the best orator, twenty dollars to the best essayist, and ten dollars to the best declaimer.

2. The Samson Talbot Prize Reading. This prize foundation is for the best reading of Scripture and is open to Seniors and Juniors. The prizes are \$40 and \$20 respectively.

3. The Daniel Shepardson Bible Book Prizes. At the Alumni Dinner, June 1902, Rev. Daniel Shepardson, Ph.D., of the class of 1888, offered two prizes, of \$50 and \$25 respectively, for the best book-studies upon certain books of the Bible. The contest is open, without distinction of sex, to members of the

Sophomore, Junior and Senior classes. In case sufficient interest is developed it is expected that these prizes will be made permanent. The conditions for the current year are as follows:

(1.) The book-study must be upon Joel or Amos in the Old Testament, or upon Mark or Galatians in the New.

(2.) It must contain between 4,000 and 7,000 words, and treat of the authorship, date, circumstances, purpose, general outline of thought, and the great teachings of the book.

(3.) The contestant must have a good general college standing in character and work.

(4.) There must be at least five bona fide contestants, if award is to be made.

(5.) The study must be in the hands of the Committee of Award by May 10th, at the latest.

4. Athletic Prizes. A number of prizes are awarded for excellence in certain sports and athletic exercises of Field Day.

PRIZES AWARDED IN JUNE, 1902.

The Lewis Contest: DEBATE, Calliopean, Mark Winchester; ORATION, Calliopean, E. J. Cherney; ESSAY, Franklin, V. S. LaRue; DECLAMATION, Calliopean, O. C. Montgomery.

The Simpson Talbot Prize Reading: First prize, Lewis Wilbur Smith; second prize, Hubert Leland Nichol.

SCHOLARSHIP FUNDS.

For deserving students in need of assistance the University has at its disposal the annual income of the following funds:

1. The Mary K. Monroe Fund, of \$30,000. The income of this fund is available for ministerial students in Granville College, and in the Theological Seminaries after graduation from Granville College.
2. The King Scholarship Endowment, of \$12,000, for the aid of young ladies in Shepardson College.
3. The Ebenezer Thresher Fund, of \$10,000, for the aid of young men in Granville College.
4. The M. E. Gray Fund, of \$5,000, for the aid of ministerial students in Granville College.
5. The David and Jane Harpster Fund, of \$5,000, available for students in Granville College and Doane Academy.
6. The David Thatcher Fund, of \$1,500, available for ministerial students in Granville College and Doane Academy.
7. The Mary Arnold Stevens Fund, of \$500, for students in Granville College or Doane Academy.
8. The Shepardson Scholarship, income of \$1,000, for students in Shepardson College.
9. The Luse Scholarship, income of \$1,000, for students in Shepardson College.
10. The Maria Theresa Barney Fund, from which the President of the University has a varying amount at his disposal each year to be loaned to students at his discretion, without interest.

11. The Ohio Baptist Education Society has at its disposal free tuition scholarships for its beneficiaries to the number of forty, if necessary.

12. By authorization of the Trustees the President of the University may remit the tuition of a limited number of students in cases of special necessity.

13. A few scholarships which were sold in the early days of the college were afterwards surrendered by the original purchasers and are at the disposal of the faculty.

Good class standing and exemplary conduct in all relations of life are prerequisite to the enjoyment of any of these scholarships. Pupils holding them may be called upon to render a certain amount of service to the University, but never to an amount which will interfere with regular college studies.

For further information regarding scholarships open to ministerial students, address Rev. A. S. Carman, Educational Secretary; concerning scholarships open to those not studying for the Ministry, address the President of the University.

FIRST DEGREES.

The degrees of A. B., B. S., and Ph. B., are conferred upon such candidates for the same as have passed satisfactory examinations upon all the studies required.

Candidates for these degrees are required to pay the treasurer their dues, including the graduating fee of five dollars, as early as June 1.

No first degree will be granted to any candidate therefor who, at the beginning of the Spring term of

the Senior year, shall not have accomplished the entire work of the course required prior to the Winter term of the Senior year.

SECOND DEGREES.

The usual second degree is conferred on completion of graduate courses of study. After the admission of a student to a graduate course a committee of three from the Faculty shall supervise his work. Not more than two-thirds of a year of graduate work may be taken by undergraduates who may have advanced standing.

Resident students in graduate courses are subject to the same tuition, incidental and laboratory fees as others. Non-resident candidates for second degrees are required to pay the same gross amount of tuition fees as resident candidates for the same degrees. The diploma fee for all advanced degrees is ten dollars. The particular requirements for the several degrees are as follows:

FOR THE DEGREE OF A. M. AND M. S.

1. RESIDENT GRADUATES.—The candidate for either of these degrees shall study in this University one year under the direction of the Faculty. Recitations and Examinations shall be appointed by the several instructors. Any instructor may require a thesis on the subject taught by him, and allow it to take the place of as much work in that study (not to exceed two terms) as to him may seem good. *The candidate shall with the approval of the Faculty, select from the following lists one study as a main study, and shall pursue it throughout the year:

1. One language other than English.
2. Mathematics.
3. Philosophy.
4. Science.

He shall also, with the approval of the Faculty, select each term two minor studies.

Minimum. — A candidate for the degree of A. M., must take, in Greek or Latin, at least one term; in a modern language other than English, at least one term; in history, at least one term; in English literature, at least one term.

The minimum of required studies leading to the degree of M. S. shall be as follows:

One complete year of some physical science, and two selected terms of physical science in addition.

Minimum for Ph. M. will be determined by the Faculty.

2. **NON-RESIDENT GRADUATES**. — The candidate shall study two years under the direction of the Faculty. He shall be examined at the end of the first year, and shall present a satisfactory thesis at the end of the second year. Recognizing the unsatisfactory conditions under which non-resident work for a degree must be done, the University does not advise it unless the circumstances are quite exceptional.

Second degrees in course are not granted by the University.

THE MEDICAL PREPARATORY COURSE.

While the Biological Course for the degree of Bachelor of Science offers the subjects recommended by the Association of Medical Colleges, special opportunities are afforded students desiring to secure advanced standing in a Medical College. It is now recognized that the rapidly increasing competition in the medical profession makes necessary more extensive

preparation, and that college graduates have vastly better prospects of success than others; accordingly, a year of graduate work is offered. The student receives thorough training in Comparative Anatomy, Embryology, Normal Histology, Cellular Biology, with opportunity to elect work in Experimental Physiology and Bacteriology, and receives the degree of Master of Science.

The Separate Departments.

I. GRANVILLE COLLEGE.

HISTORICAL STATEMENT.

The name "Granville College" was the official designation of the school now known as Denison University, for about ten years previous to the adoption of the present name. At various times during the succeeding years the re-adoption of the name had been informally discussed among the friends of the institution, but the matter had not been taken up officially. When the re-adjustment of the relations between Denison University and Shepardson College came before the Board, the necessity for some separate designation for that department of the University which has to do with the instruction of young men in the four college classes led inevitably to the revival of the old name, *Granville College*. Wherever this term is used, then, the reader will understand that it refers to the department of collegiate instruction for young men, as distinguished from the departments dealing with the collegiate instruction of young women, preparatory instruction, etc.





IROQUOIS LIBRARY BUILDING.

FACULTY OF GRANVILLE COLLEGE.

EMORY W. HUNT, D.D., LL.D.,
Intellectual and Moral Philosophy.

JOHN L. GILPATRICK, A.M., Ph.D.,
Mathematics.

RICHARD S. COLWELL, D.D.,
The Greek Language and Literature.

GEORGE F. McKIBBEN, A.M.,
The Romance Languages.

CHARLES I. WILLIAMS, A.M.,
Rhetoric and English Literature.

WILLIAM H. JOHNSON, A.M.,
The Latin Language and Literature.

C. JUDSON HERRICK, M.S., Ph.D.,
Zoology.

CLARK WELLS CHAMBERLAIN, A.B.,
Physics and Chemistry.

THOMAS L. WATSON, M.S., Ph.D.,
Geology and Mineralogy.

WILLIS A. CHAMBERLIN, A.M.,
The German Language.

WILL H. BOUGHTON, C.E.,
Civil Engineering.

W. BLAIR CLARK, M.S.,
Chemistry.

AUGUSTINE S. CARMAN, A.B.,
History.

HARRIET MARIA BARKER, A.M.,
History of Art.

DENISON UNIVERSITY.

NELLIE A. MONTGOMERY, A. B.,
English Literature.

BUNYAN SPENCER, A. M., B. D.,
Logic.

W. W. STOCKBERGER, B. S.,
Botany.

K. O. BURRER, B. S.,
Assistant in Physics.

C. EDMUND NEIL, A. M.,
Oratory and Elocution.

CONDITIONS OF ADMISSION.

Regularly authenticated graduates of Doane Academy are admitted to the Freshman Class without further examination. The graduates of certain approved High Schools are credited with their certified High School work without examination, so far as such work coincides with the entrance requirements of the University.

For candidates prepared elsewhere, examinations for admission to the College classes will be held on the day preceding the beginning of the Fall term, at 9 A. M. (See Calendar.)

1. Candidates desiring to begin the Course for the Degree of Bachelor of Arts will be examined in the studies comprised in the Classical Course of Doane Academy. Fair equivalents in kind for any of these studies will, of course, be accepted.

2. Candidates desiring to begin the Course for the Degree of Bachelor of Science will be examined in the studies comprised in the Scientific Course of Doane Academy.

3. Candidates for the Philosophical Course will be examined in the studies of the Philosophical Course of Doane Academy.

Candidates for admission must present satisfactory evidence of good moral character. Candidates from other colleges must bring proof of regular dismission therefrom.

Each Course in the Collegiate department occupies four years.

DEFICIENCIES IN CERTAIN BRANCHES.—Students often apply for admission to the regular classes, who are behind these classes in some study. If such students show ability, all possible assistance is afforded them in compassing their purpose. It is sometimes, however, necessary for them to secure private instruction for a short time; but this may be obtained at very reasonable rates.

STUDENTS NOT CANDIDATES FOR A DEGREE.—Students who do not desire to become candidates for a degree may be admitted to the College, provided they give satisfactory evidence to the Faculty that they can profitably pursue the studies which they may select.

DISMISSION.

Students leaving before the close of a term will not be regarded as having honorably terminated their connection with the University unless regularly dismissed by the President.

SPECIAL STUDIES.

Pennmanship, Stenography and Elocution are taught by competent instructors. Charges for these courses, for the present, will be extra.

EXPENSES.

It is believed that a thorough and complete collegiate education can be obtained as cheaply here as in any other college in the country. The following is an estimate of some of the more prominent items of expense:*

* Consult the General Index for reference to expenses in other departments.

TUITION — Per Annum	\$39 00
Divided as follows: Fall Term, \$15; Winter and Spring, \$12 each.	
ROOM RENT — Fall Term, \$4; Winter and Spring, \$3 each	10 00
INCIDENTALS — Fall Term, \$3; Winter and Spring, \$2.50 each	8 00
Gymnasium fee	1 00
Fuel and lights	15 00
Books	12 00
BOARD — 39 weeks at \$2.00 per week	78 00
Washing	12 00
Sundries	6 00
Total for a year	\$181 00

Matriculation Fees are as follows: Freshman Class \$2; Sophomore, \$3; Junior, \$4; Senior, \$5; Electives, \$2.

For the Laboratory fees connected with certain scientific studies, see the statements of the various scientific departments, in the following pages.

Registration Fee, one dollar. For registrations made the first day of the term, the fee is remitted. For second day, one-half the fee is remitted.

A fee of \$2 is charged for each special examination.

Board in clubs costs from \$2 to \$2.50 per week; in families, \$3 to \$3.50. Whatever board costs over \$2 per week must be added to the above estimate. Many students reduce their expenses below this sum.

All term bills are to be paid, or satisfactory security for their payment lodged with the treasurer, at the beginning of each term, before students take their places in their classes. No charge for tuition, room rent, or incidentals will be for less than half a term.

Students furnish their own rooms in the college buildings. Second hand furniture for this purpose can always be secured at very low prices if desired. Students not rooming in the College buildings must have their rooms approved by the Faculty and be subject to the general regulations of the college.

Text books and stationery can always be obtained in the village, and at the Denison Book Exchange.

The really necessary expenses of a student for a year, exclusive of clothing and traveling, range from \$160 to \$250.

STATEMENT OF WORK IN THE VARIOUS DEPARTMENTS.**INTELLECTUAL AND MORAL PHILOSOPHY.**

PRESIDENT HUNT.

ASSOCIATE SPENCER.

The subjects taught in this department are Logic, Psychology, Ethics, History of Philosophy, and Christian Evidences.

Instruction is given by means of text-book recitations, lectures and parallel readings.

Whenever conflicting theories are encountered, the various arguments and their necessary tendencies are presented to the student and he is encouraged to investigate and judge for himself.

The basal facts and principles of all knowledge and belief are so presented as to avoid bigotry on the one hand and scepticism on the other.

In Psychology the student is referred to his own consciousness as the final test of all psychical truth.

The principal theories of ethics are carefully considered, and applied to questions of duty; individual, domestic, social and national.

In Christian Evidences special care is taken to present Christian truth in its relation to the peculiar doubts and errors of the present day.

Throughout the entire department, the constant aim is not only to impart truth, but to teach young men to *think* — think patiently, philosophically, successfully.

The work is given in seven courses :

1. *Deductive Logic*. — Junior Year, first half of Winter Term. Five hours, 9 A. M. Associate Spencer.
2. *Inductive Logic*. — Junior Year, second half of Winter Term. Five hours, 9 A. M. Associate Spencer.
3. *General Psychology*. — Senior Year, Fall Term. Four hours, 10 A. M.
4. *Ethics*. — Senior Year, first half of Winter Term. Five hours, 9 A. M.
5. *Christian Theism*. — Senior Year, second half of Winter Term. Five hours, 9 A. M.
6. *Christian Evidence*. — Senior Year, Spring Term. Five hours, 9 A. M.
7. *History of Philosophy*. — Senior Year, Fall Term. Weekly lectures, 10 A. M.

These courses are all required of candidates for the various baccalaureate degrees conferred by the University.

MATHEMATICS AND CIVIL ENGINEERING.

PROFESSOR GILPATRICK.

ASSISTANT PROFESSOR BOUGHTON.

Courses in Mathematics. — Professor Gilpatrick.

1. *Algebra*. — Development of Functions, Convergency, and Summation of Series. Theory of Logarithms, Permutations and Combinations. Theory of Equations. Four hours, Monday excepted. Freshman, Fall Term, two sections, 9 and 10 A. M.
2. *Trigonometry, Plane and Spherical*. — Four hours, Friday excepted. Freshman, Winter Term, two sections, 9 and 10 A. M.

3. *Analytic Geometry*. — Four hours, Friday excepted. Freshman, Spring Term, 10 A. M.

Courses 1 and 2 are required of all candidates for degrees. All candidates for the degrees of Bachelor of Science or Bachelor of Philosophy must also take Course 3. The remaining courses are not required as prerequisite to graduation, but most of them are required as prerequisite to certain advanced courses in the various scientific departments.

4. *Analytics and Differential Calculus*. — Four hours, Wednesday excepted. Sophomore, Fall Term, 11 A. M.

5. *Differential Calculus*. — Four hours, Monday excepted. Sophomore, Winter Term, 7:40 A. M.

6. *Integral Calculus*. — Five hours. Junior, Fall Term, 7:40 A. M.

7. *Teachers' Course in Algebra and Geometry*. — Open to Juniors and Seniors. Five hours, Spring Term, 11 A. M.

Courses 1-6 must be taken in the order indicated; with this limitation, all courses not indicated as required are open as electives to students who have the requisite preparation.

Astronomy. — Professor Gilpatrick.

1. *General Astronomy*. — Elective for Juniors and Seniors in all courses. Spring Term, 7:40 A. M.

Courses in Engineering. — Assistant Professor Boughton.

1. *Mechanical Drawing*. — Prerequisite, preparatory mathematics. Required in B. S. course. Freshman, Winter Term, Tuesday and Thursday, 10 A. M.

2. *Descriptive Geometry*. — Prerequisite, Mechanical Drawing. Four hours, Tuesday excepted. Winter Term, 1:30 P. M.

3. *Plane Surveying*. — Prerequisite, Mathematics 2 and Mechanical Drawing. Four hours, Wednesday excepted. Spring Term, 1:30-3:30 P. M.

4. *Railroad Surveying and Earthwork*. — Prerequisite, Course 3. Five hours. Fall Term, Tuesday 1:30 P. M.; other days 1:30-3:30 P. M.

5. *Topographical Surveying and Drawing*. — Must be preceded or accompanied by Course 4. Students may take Courses 4, 5 and 6 in the same term. Fall Term, Monday, Wednesday, Friday, 9-11 A. M.

6. *Elements of Mechanism*. — A study of the principles governing the moving parts of machines. Prerequisite, Mechanical Drawing and Mathematics 5. Fall Term, Tuesday and Thursday, 9 A. M.

7. *Analysis of Structures*. — Determination of stresses in roof and bridge trusses, by graphical and analytical methods. Prerequisite, Mechanical Drawing, Mathematics 6 and Physics 1. Five hours, Winter Term, 11 A. M.

8. *Strength of Materials*. — This includes also an introduction to the Designing of Structures. Prerequisite, Course 7. Five hours, Spring Term 10 A. M.

GREEK.

PROFESSOR CULWELL.

The following courses are offered:

1. *Lysias*. — Selected orations, with the history of Athens under the Thirty Tyrants and the Restoration of the Democracy. Reading at sight in Lysias

and Lucian. Four hours. Wednesday excepted. Freshman, Fall Term, 9 A. M.

2. *Thucydides*. — Selections, with History of the Peloponnesian War. Reading at sight in the New Testament and in Lucian. Four hours. Tuesday excepted. Freshman, Winter Term, 9 A. M.

3. *Homer*. — Selections from the Iliad, with reading at sight from the Odyssey. Four hours. Wednesday excepted. Freshman, Spring Term, 9 A. M.

4. *Demosthenes*. — Selected orations, usually the Phillippics and the Olynthiæes. Reading at sight in Demosthenes and the New Testament. Four hours. Wednesday excepted. Sophomore, Fall Term, 7:40 A. M.

5. *Herodotus*. — Selections. Reading at sight from Herodotus, Diodorus Siculus and Xenophon. Four hours. Wednesday excepted. Sophomore, Winter Term, 7:40 A. M.

6. *Plato*. — The Apology and Crito, with selections from the Phædo. Sight reading in the Memorabilia of Xenophon. Four hours. Wednesday excepted. Sophomore, Spring Term, 7:40 A. M.

Courses 1-6 are required of all candidates for the degree of Bachelor of Arts, and of candidates for the degree of Bachelor of Philosophy who make Greek their major language.

7. *Tragedies*. — Aeschylus, Sophocles, or Euripides. Elective for those who have completed courses 1-6. Five hours. Winter Term, 10 A. M.

8. *Comedies of Aristophanes*. — Elective for those who have completed courses 1-6. Five hours. Spring Term, 11 A. M.

9. *New Testament Greek*. — Elective for those who have had courses 1-6. Five hours. Winter Term, 10 A. M.

ROMANCE LANGUAGES.

PROFESSOR MCKIBBEN.

This department offers opportunity of studying French, Italian and Spanish. Its aims are: (1) The acquisition of a reading knowledge of the foreign language; (2) linguistic training; (3) introduction to the foreign literature and life.

The method employed includes the following features: Simultaneous beginning of grammar and translation; gradual advance to the new with frequent practice upon the old; the mastery of principles by noting and classifying examples found in the texts studied.

French. —

Of the courses enumerated below, applicants for the degree of Bachelor of Arts are required to take at least course 1. For the degree of Bachelor of Science, courses 1-3 are required. For the degree of Bachelor of Philosophy, students who choose French as their major language upon entrance must take courses 1-3 and at least three four hour courses in addition. Aside from these requirements the various courses are open as electives to students in all departments, with courses 1, 2 and 3 in order, prerequisite to any of the advanced courses.

1. Elementary forms, translation, written exercises. Fraser and Squair's French Grammar, Rollin's Reader, or Erckmann-Chatrian's stories. A course for beginners, repeated in the Spring Term. Four

hours, Friday excepted. Freshman, Fall Term, 1:30 P. M.

2. Grammar continued, with written and oral work in composition. Erckmann-Chatrian's stories and Sandeau's *La maison de Penarvan*. Four hours, Wednesday excepted. Freshman, Winter Term, 11 A. M.

3. Grammar reviewed, with exercises and dictation. Racine's *Athalie*. Four hours, Monday excepted. Freshman, Spring Term, 9 A. M.

4. Review of Grammar, forms and syntax, with composition. Nineteenth Century prose writers; especially Daudet and Victor Hugo. Selections in lyric poetry and scientific description. Courses 1-3 prerequisite. Four hours, Friday excepted. Sophomore, Fall Term, 7:40 A. M.

5. Grammar review continued, with composition. Translation from the literature of the Eighteenth Century and the Revolutionary Period. Modern scientific prose continued. Courses 1-3 prerequisite. Four hours, Wednesday excepted. Sophomore, Winter Term, 7:40 A. M.

6. Composition and dictation. Translation from the drama of the Seventeenth Century. Corneille, Molière, Racine. Courses 1-3 prerequisite. Four hours, Monday excepted. Sophomore, Spring Term, 7:40 A. M.

7. *The French Historians*.—Courses 1-3 prerequisite. Wednesday and Friday. Fall Term, 2:30 P. M.

8. *Prose and Verse of François Coppée*.—Courses 1-3 prerequisite. Tuesday and Friday. Winter Term, 1:30 P. M.

9. *Sight Reading and Conversation*. — Courses 1-3 prerequisite. Tuesday and Friday. Spring Term, 1:30 P. M.

Italian. —

1. Grandgent's *Grammar* and Bowen's *Reader*. — The forms of the language are learned and practiced in exercises, written and oral, and in translation. Elective in all courses. Winter Term, Monday, Wednesday and Friday, 10 A. M.

2. Rapid translation of selections from Nineteenth Century prose and verse. Outline of the History of Italian Literature. Elective. Five hours. Spring Term, 11 A. M.

Spanish. —

1. Garner's *Grammar*, Ramsey's *Reader*. The forms of the language are learned and practiced in written and oral exercises and in translation. Elective. Five hours. Fall Term, 10 A. M.

2. Translation of two dramas or other matter in prose and verse, representing especially the Nineteenth Century. Review of grammar and composition. Outline of the History of Spanish Literature. Elective. Winter Term, Wednesday and Friday, 10 A. M.

The courses in Italian and Spanish, while intended as advanced electives, may be taken by any who, in the judgment of the instructor, can carry them with profit.

COURSES IN ZOOLOGY.

PROFESSOR HERRICK.

MISS ADKINS.

1. *Human Physiology*. — Lectures and recitations from Huxley's *Elementary Physiology*, Am. Edi-

tion. Required of Classical students. Four hours. Friday excepted. Spring Term. 11 A. M.

4. *Invertebrate Zoology*.—Systematic and theoretical Zoology. Prerequisite, Course 1 or its equivalent. Sophomore, Winter Term. Fee, \$2.00. Lectures and recitations on Wednesday* and Friday at 1:30; laboratory, Monday and Thursday, 1:30 to 3:30.

5. *Vertebrate Zoology*.—Continuation of Course 4, which is prerequisite. Sophomore, Spring Term. Fee, \$2.00. Lectures and recitations on Wednesday and Friday at 1:30; laboratory, Monday and Thursday, 1:30 to 3:30.

6. *Comparative Anatomy and Histology*.—Courses 6, 7 and 8 form a continuous year's work on the comparative study of the organs and tissues of the vertebrates. Course 6 includes a review of the elements of mammalian anatomy, accompanied by dissections, and an introduction to general histology. Prerequisite Z4, 5; C1. Junior, Fall Term. Fee, \$2.00. Lectures and recitations Wednesday and Friday at 11; laboratory, Monday, Tuesday and Thursday, 10 to 12.

7. *Comparative Anatomy and Histology*.—Vertebrate Neurology. Prerequisite, Z6. Junior, Winter Term. Fee, \$2.00. Lectures on Monday, Wednesday and Friday at 11; laboratory, Tuesday and Thursday, 10 to 12.

8. *Comparative Anatomy and Histology*.—Cytology and special histological manipulation; theoretical biological problems. Prerequisite, Z6. Junior, Spring Term. Fee, \$2.00. Lectures on Tuesday, Wednesday and Friday at 9; laboratory, Monday and Thursday, 9 to 11.



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9. *Sight Reading and Conversation*. — Courses 1-3 prerequisite. Tuesday and Friday. Spring Term, 1:30 P. M.

Italian. —

1. Grandgent's *Grammar* and Bowen's *Reader*. — The forms of the language are learned and practiced in exercises, written and oral, and in translation. Elective in all courses. Winter Term, Monday, Wednesday and Friday, 10 A. M.

2. Rapid translation of selections from Nineteenth Century prose and verse. Outline of the History of Italian Literature. Elective. Five hours. Spring Term, 11 A. M.

Spanish. —

1. Garner's *Grammar*, Ramsey's *Reader*. The forms of the language are learned and practiced in written and oral exercises and in translation. Elective. Five hours. Fall Term, 10 A. M.

2. Translation of two dramas or other matter in prose and verse, representing especially the Nineteenth Century. Review of grammar and composition. Outline of the History of Spanish Literature. Elective. Winter Term, Wednesday and Friday, 10 A. M.

The courses in Italian and Spanish, while intended as advanced electives, may be taken by any who, in the judgment of the instructor, can carry them with profit.

COURSES IN ZOOLOGY.

PROFESSOR HERRICK.

MISS ADKINS.

1. *Human Physiology*. — Lectures and recitations from Huxley's *Elementary Physiology*, Am. Edi-

tion. Required of Classical students. Four hours. Friday excepted. Spring Term, 11 A. M.

4. *Invertebrate Zoology*.—Systematic and theoretical Zoology. Prerequisite, Course 1 or its equivalent. Sophomore, Winter Term. Fee, \$2.00. Lectures and recitations on Wednesday* and Friday at 1:30; laboratory, Monday and Thursday, 1:30 to 3:30.

5. *Vertebrate Zoology*.—Continuation of Course 4, which is prerequisite. Sophomore, Spring Term. Fee, \$2.00. Lectures and recitations on Wednesday and Friday at 1:30; laboratory, Monday and Thursday, 1:30 to 3:30.

6. *Comparative Anatomy and Histology*.—Courses 6, 7 and 8 form a continuous year's work on the comparative study of the organs and tissues of the vertebrates. Course 6 includes a review of the elements of mammalian anatomy, accompanied by dissections, and an introduction to general histology. Prerequisite Z4, 5; C1. Junior, Fall Term. Fee, \$2.00. Lectures and recitations Wednesday and Friday at 11; laboratory, Monday, Tuesday and Thursday, 10 to 12.

7. *Comparative Anatomy and Histology*.—Vertebrate Neurology. Prerequisite, Z6. Junior, Winter Term. Fee, \$2.00. Lectures on Monday, Wednesday and Friday at 11; laboratory, Tuesday and Thursday, 10 to 12.

8. *Comparative Anatomy and Histology*.—Cytology and special histological manipulation; theoretical biological problems. Prerequisite, Z6. Junior, Spring Term. Fee, \$2.00. Lectures on Tuesday, Wednesday and Friday at 9; laboratory, Monday and Thursday, 9 to 11.

9. *Embryology*. — Lectures and laboratory work on the comparative embryology of vertebrates. Prerequisite, Z6. Senior, Fall Term. Fee, \$2.00. Lectures on Tuesday and Thursday at 1:30; laboratory, Monday, Wednesday, Friday, 1:30 to 3:30.

11. *Physiological Psychology*. — Lectures devoted chiefly to the comparative physiology of the nervous system and especially of the sense organs, with an introduction to the methods of physiological psychology. Prerequisite, Z5, Ph3, with Z7 strongly advised. Senior, Winter Term. Wednesday and Friday at 10.

12. *Psychological Laboratory*. — Parallel with Course 11, by which it must be accompanied or preceded. A laboratory study of sensation from both physiological and psychological points of view, based on Sanford's *Course in Experimental Psychology*, with practice in the taking of reaction times, etc., for which the necessary chronoscope, kymograph and accessories are provided. Senior, Winter Term. Fee, \$2.00. Three two hour laboratory periods at hours to be arranged individually.

14. *Advanced Biology*. — An introduction to the methods of biological research. Special topics assigned for laboratory and bibliographic study. Prerequisite, Z6. The same theme may be continued in Course 13 in the Spring Term following. Fee, \$2.00. Senior, Winter Term. Wednesday and Friday at 10, with three additional two hour laboratory periods arranged individually.

Ordinarily Courses Z11-12 and Z14 will not both be given in any one year.

13. *Thesis in Biology*. — Students electing their major work in Biology may by special arrangement secure a five hour credit in the Senior year, Spring Term, for a thesis on some assigned topic. Hours arranged individually.

14. *Special Physiology*. — A two hour lecture course by Miss Adkins, upon Applied Hygiene, including the following and kindred subjects: Massage, First Aid to the Injured, Care in the Sick Room, Home Keeping and Furnishing, House and City Sanitation, Anthropometry, Necessity of Gymnasium Work. Open to women only. Winter Term, Wednesday and Friday at 10.

COURSES IN BOTANY.

INSTRUCTOR STOCKBERGER.

1. *Elementary Botany*. — A comprehensive summary of the great groups of plants, including an outline of structure, reproduction and classification, illustrated by laboratory study of types from each group. Coulter's *Plant Structures*. Required of all B. S. students. Freshman, Fall Term. Monday, Tuesday, Thursday and Friday at 11; Tuesday and Thursday at 10.

2. *General Botany*. — Anatomy and histology of the cell and tissues of the higher plants. Lectures on the principles of Physiology. Laboratory practice in histological technique. Prerequisite, Bot 1 or its equivalent, and Ch. Junior, Winter Term. Fee, \$2.00. Lectures, Monday, Wednesday and Friday at 11; laboratory, Tuesday and Thursday, 10 to 12.

3. *Cryptogamic Botany*. — Detailed study of the structure, reproduction and classification of the main groups of Thallophytes. Special attention is given to

parasitic forms. Laboratory and field work. Prerequisite, Bot1 and Cr, with Bot2 advised. Junior, Spring Term. Fee, \$2.00. Lectures Tuesday and Thursday at 1:30; laboratory, Monday, Wednesday and Friday, 1:30 to 3:30.

Candidates for the B. S. degree who elect their major work in Biology are offered the following suggestions in the choice of their electives. For the required studies of the Freshman and Sophomore years see the tabulated course of study, page 73.

**GROUP I.
SOPHOMORE YEAR.**

Fall Term.	Winter Term.	Spring Term.
Math. 4.	Math. 3. Zoology, 4.	Geol., 2. Zoology, 3.

JUNIOR YEAR.

English, E5. Comp. Anat., Z8. Geol., 4. Chem., 18.	English, E7. Comp. Anat., Z7 or Bot2. Logic, Ph12. Chem. 7-8 (conflict with Z7 or Bot2 may be arranged).	English, E6. Comp. Anat., Z8. Cryp. Bot., 3. Org. Chem., 14.
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SENIOR YEAR.

Psychol. Ph5. Eng. Lit., E41. Embryology, Z6.	Physi., Ph43. English, E18. Economics, H1. Z1112 or Z14, or Chem. 9 (by special arrangement).	Evidences, Ph6. Astron., A1 or C910. Theos. or History, 1.
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In Group I advanced German or French may be taken in place of the Chemistry in the Junior year or of the Biology of the Winter and Spring Terms of the Senior year.





GROUP II.
SOPHOMORE YEAR.

Fall Term.	Winter Term.	Spring Term.
Advanced French or German or Latin (to accom. the required elem. Ger. or Fr.) or Chem. 5-6 to accom. C3.	Advanced Fr., Ger. or Lat. or Chem. 7-8. Zoology, 4.	Advanced Fr., Ger. or Lat. or Org. Chem., C4. Zoology, 5. Geology, 5.

JUNIOR YEAR.

English, E5. Comp. Anat., Z6. Geology, 4. Chem. 5-6 or Spanish 1.	English, E7. Logic, Ph. 1-2. Comp. Anat., Z7 or Bot. 2. Spanish 2, and Italian 1 or Chem. 7-8.	English, E9. Comp. Anat., Z8. Botany, 3. Italian 2, or Chem. 4.
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SENIOR YEAR.

Psychology, Ph3. English Lit., E11. Embryology, Z9.	Essays, Ph4-5. English, E15. Z11-12 or 14 or Bot. 2 or Chem. 7-8 or Geol. 7. Economics, H3.	Evidences, Ph6. Thesis or Astron. A1 or Chem. 9-10. History or Lit.
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GROUP III.

Sophomore year as in Group I.

JUNIOR YEAR.

Fall Term.	Winter Term.	Spring Term.
English, E5. Comp. Anat., Z6. Geology, 4. Calculus, M6.	English, E7. Comp. Anat., Z7 or Bot. 2. Logic, Ph. 1-2. Desc. Geom., CE2.	English, E9. Comp. Anat., Z8 or Bot. 2. Chem. 4, or Astron. 1 or Surveying, CE4. History or Lit.

SENIOR YEAR.

Psychology, Ph3. English Lit., E11. Embryology, Z9. Chem., 6.	Ethics, Ph4-5. Adv. Light, Ph5-14. Chem., 7-8.	Evidences, Ph6. Hist. Civ., H4. Chem. 4, or Astron. 1.
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AMERICAN MEDICAL ASSOCIATION

PUBLISHED WEEKLY

CHICAGO, ILL.

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RHETORIC AND ENGLISH LITERATURE.

PROFESSOR WILLIAMS.

MISS MONTGOMERY.

Throughout the course, which extends over four years, the study of Rhetoric is pursued in combination with the study of literature, American and English. Instruction is given by text book and by notes from the teacher. Themes are required from the beginning to the end of the course. Students are made acquainted with the principles of literary criticism and are encouraged to develop intelligent appreciation of the best that has been thought and written in English from Caedmon to the present time. A number of electives are offered during the Junior and Senior years. All members of the Senior class are required to appear in public exhibitions during the Winter Term, the gentlemen with orations and the ladies with essays.

The following courses are given:

1 a, b and c. *Rhetoric and American Literature*.—Genung's *Working Principles of Rhetoric* and Pattee's *American Literature*. Four hours, Tuesday excepted, throughout the Freshman year, 2:30 P. M.

2 a, b and c. *English Literature*.—Leavis's *Beginnings of English Literature* and Chaucer's *Prologue and Knight's Tale* (Morris's edition) for Fall and Winter Terms; *The Faery Queene*, Book 1 (Kitchen's edition) and *Notes on Elizabethan Literature* for the Spring Term. Every Tuesday throughout the Sophomore year. Fall and Winter Terms, 1:30 P. M.; Spring Term, 11 A. M.

3. *Elizabethan Literature*. — An elective course based on Professor Saintsbury's book. Spring Term. Monday, Wednesday and Friday, 11 A. M. Miss Montgomery.

4. *Anglo-Saxon*. — Sweet's *Anglo-Saxon Primer* and Bright's *Anglo-Saxon Reader*. Elective, five hours. Winter Term, 10 A. M. Miss Montgomery.

5. *English Literature*. — Thayer's *Best Elizabethan Plays* and Notes on Elizabethan Literature. Junior, Fall Term. Tuesday, 2:30 P. M.

6. *The English Novel*. — Stoddard's *Evolution of the English Novel*. Elective. Fall Term. Monday, Tuesday and Thursday, 7:40 A. M.

7. *English Literature*. — Shakespeare, and Notes on the Drama. Junior, Winter Term. Tuesday, 2:30 P. M.

8. *Shakespeare*. — Elective with Course 3 prerequisite. Winter Term. Wednesday, Thursday and Friday, 11 A. M.

9. *Milton*. — Minor Poems and Corson's *Introduction to Milton's Prose Works*. Junior. Spring Term. Tuesday, 2:30 P. M.

10. *Later American Writers*. — Elective. Spring Term. Monday, Wednesday and Thursday, 1:30 P. M.

11. *English Literature*. — Phillips's *Manual* and Winchester's *Principles of Literary Criticism*. Representative authors from Milton to Tennyson. Five hours. Senior. Fall Term, 11 A. M.

12. *English Literature*. — Authors of the last half of the Nineteenth Century. Elective. Winter Term. Monday, Wednesday and Friday, 1:30 P. M.

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13. *Rhetoric — Essays and Orations.* Senior, Winter Term. Thursday, 1:30 P. M.

Of the above courses numbers 1, 2, 5, 7, 9, 11 and 13 are required of all candidates for degrees. Courses 3, 4, 6, 8, 10 and 12 are elective and open to those who, in the judgment of the instructor, are prepared to pursue them with profit.

LATIN LANGUAGE AND LITERATURE

PROFESSOR JOHNSON.

Of the following courses, numbers 1-5 and 7 are required of all applicants for the degree of A. B. Applicants for the degree of B. Ph. who elect Latin as their major language are required to take courses 4-6. Applicants for the degree of B. S. in the Latin division must take courses 1-3. Courses 6, 7, 8 and 9 are open as electives to all who have had courses 1-5. Scientific students who have elected the Latin of the Freshman year may elect further courses if desired, but at least two of the Sophomore courses (4, 5, 6) must be taken in advance of 7, 8 or 9.

1. *City.* — Books XXI and XXII. The entire text of the two books is covered, either as assigned work or as sight reading. Four hours per week, Friday excepted. Freshman, Fall Term, 7:40 A. M.

2. *Letters of Cicero.* — Selections chosen to illustrate the private life and political position of the author. Four hours, Monday excepted. Freshman, Winter Term, 7:40 A. M.

3. *Odes and Epodes of Horace.* — Informal lectures on Latin poetry. Four hours, Thursday excepted. Freshman, Spring Term, 7:40 A. M.

4. *The Roman Stage*. — The *Captivi* of Plautus and the *Phormio* of Terence are the plays usually read. Four hours, Friday excepted. Sophomore, Fall Term, 9 A. M.

5. *Tacitus*. — The text chosen is usually the first six books of the *Annals*, but occasionally the *Agricola* and *Germania* are substituted. Attention is directed especially to the political life of the early empire. Four hours, Monday excepted. Sophomore, Winter Term, 9 A. M.

6. *Letters of Pliny*. — Primarily for Philosophical students who elect Latin as their major language, but open to others as indicated in statement introductory to this enumeration of courses. Four hours, Monday excepted. Sophomore, Spring Term, 1:30 P. M.

7. *Rhetoric and Literary Criticism of the Romans*. — Readings from Quintilian, Tacitus, Horace and Cicero. The relation of Greek and Roman ideas to present day problems of Rhetoric and Literary Criticism. Five hours. Junior, Fall Term, 1:30 P. M.

8. *The Roman Elegiac Poets*. — Selections from Catullus, Tibullus, Propertius and Ovid. The history of Elegiac Poetry. Five hours. Junior or Senior, Winter Term, 10 A. M.

9. *Course preparatory to teaching*. — Methods of teaching will be discussed, with readings from authors usually studied in preparatory schools. Five hours. Junior or Senior, Spring Term, 9 A. M.

10-12. *Virgil*. — A two hour course throughout the school year 1903-4. A study of the poems of Virgil and their place in the history of literature from

points of view which cannot be emphasized in the preparatory course to which the study of Virgil is usually confined. Open to Classical Juniors and Seniors. Monday and Thursday, 2:30 P. M.

PHYSICS AND CHEMISTRY.

PROFESSOR CHAMBERLAIN.

INSTRUCTOR CLARK.

ASSISTANT BURRER.

Physics — Professor Chamberlain, Assistant Burrer.

The following courses are offered:

1. *Mechanics and Sound*. — Lectures and recitations based upon Ames' *Theory of Physics*. Laboratory work based upon Ames and Bliss, Sabine, Stratton and Millikan, Nichols, etc. Prerequisite, Mathematics 2, with Mathematics 3 strongly advised. Fee, \$1.00. Required of candidates for the B. S. and B. Ph. degrees; elective for A. B. Juniors and Seniors. Sophomore, Fall Term. Recitation hours, Tuesday and Thursday, 10 A. M.; laboratory hours, Wednesday, 10-12, Friday, 9-11 A. M.

2. *Heat and Light*. — Lectures and recitations based upon Ames' *Theory of Physics*. Required for B. S. and B. Ph. degrees; elective for A. B. Juniors and Seniors. Sophomore, Winter Term. Tuesday and Thursday, 10 A. M.

3. *Heat and Light*. — Laboratory course, two hours per day. Method and text-books as in Course 1. Course 2 must precede or accompany this course. Fee, \$1. Required of candidates for B. S. and B. Ph. degrees in the Sophomore year; elective for Classical Juniors and Seniors. Winter Term. Monday, 9-11, Wednesday, 10-12.

4. *Electricity and Magnetism*. — Lectures and recitations based upon Ames' *Theory of Physics*. Required of B. S. and B. Ph. students in the Sophomore year; elective for Classical Juniors and Seniors. Spring Term. Monday and Thursday, 11 A. M.

5. *Electricity and Magnetism*. — Laboratory course, two hours per day. Method and text-books as in Course 1. To be preceded or accompanied by Course 4. Required of candidates for B. S. and B. Ph. degrees in the Sophomore year; elective for Classical Juniors and Seniors. Fee, \$1. Spring Term. Wednesday and Friday, 10-12.

6. *Advanced Laboratory*. — General Physical Processes, based upon Stewart and Gee. Prerequisite, 1 and Mathematics 1-5. Required of students taking their major work in Physics. Fee, \$1. Junior, Fall Term. Wednesday and Thursday, 1:30-3:30.

7. *Electrical Measurements*. — One recitation and two laboratory exercises per week, based upon Carhart and Patterson. Prerequisite, 1-5 and Mathematics, 1-5. Required of students taking their major work in Physics. Fee, \$1. Junior, Winter Term. Tuesday, 1:30; Wednesday and Friday, 1:30-3:30.

8. *Electrical Measurements*. — Two laboratory exercises per week, based upon Carhart and Patterson. Prerequisite, 1-5, Mathematics, 1-5. Must be accompanied by 7. Required of students taking their major work in Physics. Junior, Winter Term. Monday and Thursday, 1:30-3:30.

(Chemistry 3. — *Elementary Physical Chemistry*. — Sophomore, Fall Term.)

(Chemistry 12 and 14.—*Advanced Physical Chemistry*.—Fall and Winter Terms, Junior or Senior.)

Details of the three preceding courses will be found under Chemistry 3, 12 and 14. These courses are required of students taking their major work in Physics.

9. *Direct Current Dynamos*.—Lectures and recitations based upon D. C. Jackson's text book. Course given every other year, alternating with 11. Given in 1903. Prerequisite, 8 and Mathematics, 5. Required of students taking their major work in Physics. Senior, Fall Term. Monday, Wednesday, Thursday, 9 A. M.

10. *Direct Current Dynamos*.—Laboratory work, including measurements of permeability, characteristic curves, efficiency tests, management of direct current electric plant, etc. Required of students taking their major work in Physics. Prerequisite, 8 and Mathematics, 5. Fee, \$1. Senior, Fall Term. Tuesday and Friday, 1:30-3:30.

11. *Alternating Current Dynamos*.—Lectures and recitations based upon Franklin and Williamson. Alternates with 9. Given in 1904. Prerequisite, 8 and Mathematics, 5. Senior, Fall Term. Monday, Wednesday, Thursday, 9 A. M.

12. *Alternating Current Dynamos*.—Laboratory work, including measurements of impedance, self-induction, power, characteristic curves, transformer tests, study of condensers, calibration of instruments, etc. Fee, \$1. Prerequisite, 8 and Mathematics, 5. Senior, Fall Term. Tuesday, Friday, 1:30-3:30.

13. *Advanced Light*. — Lectures and recitations based on Preston's *Theory of Light*. Given in 1904, and alternating with 15. Prerequisite, 3 and Mathematics, 6. Senior, Winter Term. Tuesday, Thursday and Friday, 11 A. M.

14. *Advanced Light*. — Laboratory work based on Mann's *Optics*. Prerequisite, 3 and Mathematics 6. Fee, \$1. Senior, Winter Term. Monday and Wednesday, 1:30-3:30.

15. *Advanced Heat*. — Lectures and recitations based on Maxwell's *Theory of Heat*. Given in 1905, and alternating with 13. Prerequisite, 3 and Mathematics, 6. Senior, Winter Term. Tuesday, Thursday and Friday, 11 A. M.

16. *Advanced Heat*. — Laboratory course. Prerequisite, 3 and Mathematics, 6. Fee, \$1. Senior, Winter Term. Monday and Wednesday, 1:30-3:30.

17. *Physical Manipulation*. — Laboratory course open only to students taking their major work in Physics. Instruction is given in wood and metal working, glass blowing, cutting, grinding, polishing and silvering, preparation of quartz fibre, etc. Junior and Senior, Winter Term. Saturday, 8-12.

18. *Thesis in Physics*. — Students who are credited with twenty-eight units in Physics and have shown ability to profit by such a course will be assigned some subject for original investigation, under the immediate supervision of the head of the department. Senior, Spring Term. Three hours per day.

The following group of studies is suggested as a basis for election, to those students wishing to elect Physics as their major science during their Junior and Senior years.

Junior.—Fall Term: Physics 6, Mathematics 6, Civil Engineering 4 and 5, French 4 or German 4, English 9. Winter Term: Physics 7 and 8, Physical Chemistry 11, Philosophy 1 and 2, French 5 or German 5, English 11. Spring Term: Physical Chemistry 13, Astronomy 1, History 1, French 6 or German 6, English 13.

Senior.—Fall Term: Physics 9 and 10, Chemistry 5, Philosophy 3 and 7, English 15. Winter Term: Physics 13 and 14, Civil Engineering 6, Philosophy 4 and 5, English 16. Spring Term: Physics 18, Civil Engineering 7, Philosophy 6.

Chemistry.—Professor Chamberlain, Instructor Clark.

1. *General Chemistry.*—An elementary course for those who have had little or no work in chemistry. Two recitations or lectures and two two hour laboratory periods per week. Prerequisite, one term of Preparatory Physics. Required of B. S. Freshmen who do not present chemistry in fulfillment of entrance requirements. Elective for A. B. Sophomores and Juniors. Fee, \$2. Fall Term. Monday and Friday, 11 A. M.; Tuesday and Thursday, 10-12 A. M.

2, a and b *General Chemistry.*—(Continuation of Course 1.) This course extends through both Winter and Spring Terms, giving two credits for the former and four in the latter term. Credit will not be given for the Winter Term section of this course when taken alone. But students not wishing to elect the full year of chemistry will be permitted to take the Winter Term section of Course 2 in conjunction with either Course 1 in the Fall Term, or the Spring Term section of Course 2. Course 2 is open in the same way as

course 1 as a requirement or elective except that it requires course 1 or an equivalent as a prerequisite. Fee, Winter Term, \$1; Spring Term, \$2. Winter Term, Wednesday, 10 A. M., Friday, 9-10 A. M.; Spring Term, Tuesday and Thursday, 11 A. M., Monday, 9-11 A. M., Friday, 10-12 A. M.

3. *Elementary Physical Chemistry*. — Three lectures and recitations and one two-hour laboratory period per week taking up the phenomena accompanying chemical changes. Prerequisites, Preparatory Physics, Chemistry 2 and Mathematics 3. Required of B. S. students. Fee, \$1. Sophomore, Fall Term. Monday, 9-11 A. M., Tuesday, Wednesday, Thursday, 9 A. M.

4. *Organic Chemistry*. — Three lectures or recitations and one two-hour laboratory period per week upon the paraffin series and a few of the unsaturated compounds most nearly related to that series. Prerequisite, course 2 with 3 advised. Fee, \$1. Spring Term. Monday, 7:40 and 9 A. M.; Tuesday, Thursday and Friday, 7:40 A. M.

5. *Inorganic Preparations*. — Three two-hour laboratory periods per week devoted to the preparation of typical salts. This course should be accompanied by 6. Students may be permitted to take it without that course at the discretion of the instructor. Prerequisite, courses 1-3. Fee, \$3. Fall Term. Laboratory open Monday, 9-11 A. M. and 1-30-3:30 P. M.; Tuesday and Thursday, 10-12 A. M. and 1-30-3:30 P. M.

6. *Advanced Inorganic Chemistry*. — A rapid review of the chemistry of the non-metals. Lectures or recitations twice a week. Prerequisite, course 3.

It is also desirable that this course be accompanied by 5. Fall Term, Wednesday and Friday, 10 A. M.

7. *Qualitative Analysis*.—A laboratory course of four two-hour periods per week. Prerequisite, Course 3 with 8 advised, as an accompaniment. Fee, \$3. Winter Term, Monday, Tuesday, Wednesday, Thursday, 10-12 A. M.

(By special arrangement this course may be taken in the Fall Term as a three-hour course by students whose Winter Term schedule will not allow of their taking it at the regular time. However the instructor reserves the right to limit the number who may take the course in this way.)

8. *Advanced Inorganic Chemistry*.—Lectures or recitations once a week in continuation of course 6, having for their subject the metals. Must be accompanied by course 7. Prerequisite, course 6. Winter Term, Friday, 11 A. M.

9. *Quantitative Analysis*.—Laboratory work eight hours (4 periods) per week. Prerequisite, course 7, and should be accompanied by course 10. Fee, \$3. Spring Term, 9-11 A. M., Monday, Tuesday, Thursday; 9 A. M. Friday, and another hour to be arranged for individually. (May also be taken in fall or winter as 7 above.)

10. *Theoretical Chemistry*.—A review of the atomic and molecular hypothesis, with numerous problems in stoichiometry. One lecture or recitation per week. Prerequisite, Course 8, and must be accompanied by Course 9. Spring Term, Wednesday, 9 A. M.

11 and 13. *Advanced Laboratory*. — Six hours (3 periods) per week. The details of the work will depend largely upon the aims and needs of the student. Prerequisite, Course 9. Fee \$3. Fall Term, Monday, Tuesday, Thursday, 1:30-3:30 P. M.; Winter Term, Monday, Tuesday, Thursday, 10-12 A. M.

12 and 14. *Advanced Physical Chemistry* — Two lectures or recitations per week. Prerequisite, Course 10. Fall Term, Wednesday and Friday, 1:30 P. M.; Winter Term, Wednesday and Friday, 11 A. M.

For B. S. students desiring to elect chemistry as their principal science the following combinations are suggested to accompany that work.

1. Descriptive Geometry, Surveying (Organic Chemistry to be taken in Junior year), Elements of Mechanism, Advanced Physical Laboratory, Calculus, Crystallography, Analysis of Structures, Mineralogy, Quantitative Analysis in Junior Fall Term, Strength of Materials.

2. Organic Geology, Crystallography, Mineralogy, Second Year German.

3. Elements of Mechanism, Advanced Physical Laboratory, Electrical Measurements, Crystallography, Mineralogy.

4. Zoology (Z4-5), Comparative Anatomy (Z6), followed by Anatomy or Botany in Winter and Spring.

GEOLOGY.

PROFESSOR WATSON.

The department of Geology offers the following courses of instruction:

A. *Physical Geography.* Includes work in the Winter and Spring Terms of the Freshman year. The work is arranged under courses 1 and 2, which cover the ground ordinarily included under the term Physical Geography. Course 1 can be taken independent of Course 2. Course 2 must be preceded by Course 1 or its equivalent. Both courses are required of all B. S. students.

1. *Elementary Meteorology.*—Lectures and recitations accompanied by laboratory practice. Freshman, Winter Term, Wednesday and Friday, 11 A. M.

2. *Elementary Physiography.*—A study of the land forms and their relations to life. Lectures and recitations accompanied by field and laboratory work. Must be preceded by Course 1. Freshman, Spring Term, Monday, Tuesday, Thursday and Friday, 1:30 P. M.

B. *Geology.*

3. *Dynamic and Structural Geology.*—Lectures and recitations accompanied by field and laboratory work. Prerequisite, Physics 1, and Chemistry 1-2. Sophomore, Spring Term, Monday, Tuesday, Thursday, 10 A. M.; laboratory, Wednesday, 1:30-3:30 P. M.

4. *Historical Geology.*—Lectures and recitations accompanied by field and laboratory work. Prerequisite, Geology 3, Botany 1, Zoology 4. Junior, Fall

Term Monday, Tuesday, Thursday, 1:30 P. M.; laboratory, Wednesday and Friday, 1:30-3:30 P. M.

5. *Physiographic Geology*.—Lectures and recitations accompanied by field and laboratory work. Prerequisite, Geology 3, Botany 1, Zoology 4. Senior, Fall Term, Monday, Tuesday, Thursday, 2:30 P. M.; laboratory, Wednesday, Friday, 7:40-10 A. M.

6. *General Economic Geology*.—Lectures, recitations and laboratory work. A general study of the origin and nature of the metallic and non-metallic products of commercial value, with special emphasis upon those of the United States. Geology 3, 8-9 and Chemistry, 9-10 prerequisite. Senior, Spring Term. Hours to be arranged.

C. *Mineralogy and Lithology*.

7. *Crystallography*.—Lectures and recitations accompanied by laboratory work. Prerequisite, Physics, 2-3. Junior, Winter Term, Monday, Wednesday, Friday, 2:30 P. M.; laboratory, Tuesday and Thursday, 1:30-3:30 P. M.

8. *Mineralogy*.—Lectures and recitations accompanied by laboratory work. Prerequisite, Geology 3 and 7, Chemistry 6, 7-8, Physics 1. Fee \$3. Junior, Spring Term, Monday, Tuesday, Thursday, 11 A. M.; laboratory, Wednesday, Friday, 10-12.

9. *Lithology*.—Lectures and recitations accompanied by laboratory work. Prerequisite, Geology 8, Chemistry 9-10. Fee \$3. Senior, Winter Term, Wednesday and Friday, 11 A. M.; laboratory, Monday, Tuesday and Thursday, 10-12 A. M.

The two following groups illustrate the possible combinations of electives for candidates for the B. S.

degree who may elect their major work in Geology. The possible groupings of electives will vary somewhat for the individual and they will have to be so planned in consultation with the instructor.

**GROUP I.
SOPHOMORE.**

Fall.	Winter.	Spring
Mathematics, 4. German, 1, or French 1. Physics, 1. Chemistry, 3.	Calculus, 5. Heat and Light, P25. Zoology, 4. German, 2 or French, 2.	Geology, 2. Surveying, CE2. German, 2 or French 2. Chemistry, 4 or Elec. & Mag., 4-5.

JUNIOR.

Geology, 4. Chemistry, 4. German, 4 or French, 4.	Crystallography, 7. Chemistry, 7-8. Botany, 2.	Geology, 5. Chemistry, 4-6. Botany, 3. Astronomy, 1.
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SENIOR.

Geology, 6. Chemistry, 4.	Geology, 6. Chemistry (Senior), German, 5.	Geology, 6. German, 6 or French, 6. Hist. Civ., 5. Thesis.
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**GROUP II.
SOPHOMORE.**

Fall Term.	Winter Term.	Spring Term.
Physics, 1. Chemistry, 2. German, 1 or French, 1. Latin, 1.	Zoology, 4. German, 2 or French, 2. Heat and Light, P25.	Geology, 2. Zoology, 5. Chemistry, 4. German, 3 or French, 3.

GROUP II — Concluded.

JUNIOR.

Fall.	Winter.	Spring.
Geology, 4. German, 4 or French, 4. Chemistry, 5. Mathematics, 4.	Botany, 2. Geology, 7. German, 5 or French, 5. Chemistry, 7 & 8.	Botany, 3. Geology, 8. Chemistry, 9-10. German, 6 or French, 6.

SENIOR.

Geology, 5. German, 7 or French, 7.	Geology, 9. German, 8. Economics, or Hist. Art.	Geology, 6. French, or German. Astronomy, 1. Theods.
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GERMAN LANGUAGE AND LITERATURE

PROFESSOR WILLIS CHAMBERLIN.

The aim of the courses is to give a ready knowledge of German and an insight into the life and thought of the German people. German is treated as a living language, and immediate contact with it is cultivated through various kinds of oral and written exercises. Interest is stimulated by reference to the history and present conditions of Germany. In the elementary courses special attention is given to linguistic drill. As the courses advance, the study of the literature claims increasing attention. Supplementary reading is encouraged and themes are required, embracing results of independent study. The highest courses include a general study of German literature and particular study of certain periods and authors.

Of the following courses, candidates for the A. B. degree are required to take course 1, in the Sophomore year. Candidates for the B. S. degree must take at

least courses 1-3. Candidates for the B. Ph. degree who elect German as their major language must take courses 1-3 and at least a full year (three five-hour credits) in addition. In the elementary courses, (1-3) reading and translating are accompanied by drill on inflections and grammatical principles, study of words, and oral and written composition.

1. German Grammar and Reader. Four hours, Tuesday excepted. Fall Term, 1:30 P. M.

2. Grammar and Reader continued. Stories from Baumbach and other modern writers. Four hours, Wednesday excepted. Winter Term, 11 A. M.

3. *Novellen* by Seidel, Storm or other recent writers; Schiller's *Das Lied von der Glocke*. Four hours, Monday excepted. Spring Term, 9 A. M.

4. Rapid review of grammar; reading of standard prose from modern authors; for 1903, Riehl's *Der Fluch der Schoenheit*, Dahn's *Ein Kampf um Rom*, (Wenckebach's abridged edition), sight reading from Stern's *Geschichten vom Rhein*; composition and dictation. Five hours, Fall Term, 7:40 A. M.

5. Introduction to the German Drama. Three of the classic dramas are read; for 1904, Schiller's *Wilhelm Tell* and *Maria Stuart*, Lessing's *Minna von Barnhelm*; study of principles of the drama; themes and reviews in German. Five hours, Winter Term, 7:40 A. M.

6. Poetry, including Goethe's *Hermann und Dorothea*; Hatfield's *German Ballads and Lyrics*, with study of classicism and romanticism; modern prose, for 1903, Sudermann's *Der Katzensteg*, Freytag's *Soll und Haben*, (Files' abridged edition), sight read-

ing from modern comedy. Five hours, Spring Term, 7:40 A. M.

7. Schiller's Life and Works; *Geschichte des dreissigjahrigen Krieges*; portions of Schiller's early dramas; *Wallenstein*; Robertson's *Correspondence between Schiller and Goethe*. Elective for Seniors and Juniors. Fall Term, Monday, Wednesday, Thursday 9 A. M.

8. Goethe's Prose and Poetry. Beginning with his *Dichtung und Wahrheit*, Goethe's development as a poet is studied, with selections from his prose and poetic works, concluding with *Faust I*. Lectures by the instructor. Five hours. Elective for Seniors. Winter Term, 10 A. M.

9. Goethe's Works, continued; *Faust II*. Elective for Seniors who have had Course 8. Spring Term, five hours, 10 A. M.

10. German Literature. Moore's *German Literature*, supplemented by lectures; selections from Müller's *German Classics* and supplementary readings in German and English. Elective for qualified students, Wednesday and Friday, Winter Term, 2:30 P. M.

11. German Literature continued. Literary movements since 1750. Elective as Course 10, Spring Term, Tuesday and Thursday, 11 A. M.

12. Teacher's course in German; lectures on aims and methods of Modern Language Study; practice lessons and classroom discussions. Elective for Seniors. Spring Term, Wednesday and Friday, 11 A. M.

HISTORY OF ART.

MISS BARKER.

The aim of these courses is not only to give the student a knowledge of the art history of the world and to fit him for foreign travel, which in this day has become so essential a factor in one's training and culture, but to lead him through a knowledge of the fundamental principles of aesthetics, to a truer appreciation of that which is good in the world of fine arts. A valuable History of Art library is at the disposal of the members of the class. Note books are used throughout the year for lectures; maps, cathedral plans, and photographs of the master-pieces under consideration are provided.

The courses enumerated below are all elective for Juniors and Seniors.

1. *History of Painting.* — Hoyt's *World's Painters* is used as a text book. The aim of this course is to study the history of painting by epochs. Beginning with the Gothic period of Italian Art ushered in by Cimabue and his followers, a careful study is made of the gradual evolution of painting, through the Renaissance and Decadent Periods of Italian Art, laying special stress upon the works of those men in whom the High Renaissance spirit of Italian painting reached its culmination. The second half of the term's work is spent upon the other great national schools of art, with concluding lessons on American painting. Five hours. Fall Term, to A. M.

2. *History of Architecture.* — Text-book, Good-year's *History of Art*. After a general introduction to the history of architecture, and a consideration of

the relations of architecture, sculpture and painting, the study is taken up by periods, beginning with the old Empire of Egypt and closing with the Renaissance in Europe. The aim is to give a general view of the historic styles and a thorough understanding of their essential elements. The evolution of these styles is noted, with a careful study of their constructive and decorative principles. Five hours, Winter Term, 11 A. M.

3. *History of Sculpture.* — Text-book, Good-year's *History of Art*. As the history of sculpture is mainly a history of the influence of Greek art on later times, most of the term's study is devoted to the sculpture of Greece and a comparison of its sculpture with that of other countries and epochs. To this is added elementary instruction in the criticism of sculpture. Five hours, Spring Term, 10 A. M.

HISTORY, ECONOMICS AND INTERNATIONAL LAW.

Pending a reorganization and enlargement of the work in these studies, the following courses have been offered.

1. *Mediaeval Europe.* — Charlemagne to the Concordat of Worms. Elective for Juniors and Seniors, and others at discretion of the Instructor. Spring Term, 11 A. M. Professor Johnson.

2. *History of American Politics.* — Elective for Seniors, and others at discretion of Instructor. Fall Term, 9 A. M. Professor Johnson.

3. *Economics.* — Required of Classical and Philosophical Seniors, elective for others. Winter Term, 7:40 A. M. Professor Colwell.

4. *History of Civilization*. — Required of Seniors in Philosophical course; elective for Seniors in other courses. Spring Term, to A. M. Professor Williams.

5. *Modern European History*. — Elective for Juniors and Seniors. Fall Term. Mr. Carman.

6. *The Colonial Period of American History*. — Elective for Juniors and Seniors. Winter Term. Mr. Carman.

ABBREVIATIONS.

The following abbreviations occur in the succeeding pages, chiefly in the Schedule of recitation, lecture and laboratory hours:

DEPARTMENTS OF STUDY.

Intellectual and Moral Philosophy	Ph.
Mathematics	M.
Astronomy	A.
Civil Engineering	CE.
Greek	Gr.
German	Ger.
French	F.
Italian	I.
Spanish	S.
Chemistry	C.
Physics	P.
Geology	G.
Botany	Bot.
Zoology	Z.
Rhetoric and English Literature	E.
Latin	L.
History, Economics and International Law	H.
History of Art	HA.

CLASSES.

Freshman	F.
Sophomore	S.
Junior	J.
Senior	Sr.

DAYS.

Monday	M.
Tuesday	T.
Wednesday	W.
Thursday	Th.
Friday	F.

COURSES OF STUDY.

I. FOR THE DEGREE OF BACHELOR OF ARTS.

REQUIRED STUDIES.

The numerals following names of studies refer to the numbered courses described under the statements of the various departments of study immediately preceding.

FRESHMAN YEAR.

Fall Term. — English 1a, Greek 1, Latin 1, Mathematics 1.

Winter Term. — English 1b, Greek 2, Latin 2, Mathematics 2.

Spring Term. — English 1c, Greek 3, Latin 3, Physiology (Z1) or Analytics (M3).

SOPHOMORE YEAR.

Fall Term. — English 2a, Greek 4, Latin 4, German 1.

Winter Term. — English 2b, Greek 5, Latin 5.

Spring Term. — English 2c, Greek 6.

JUNIOR YEAR.

Fall Term. — English 5, Latin 7.

Winter Term. — English 7, Philosophy 1 and 2.

Spring Term. — English 9.

SENIOR YEAR.

Fall Term. — English 11, Philosophy 3 and 7.

Winter Term. — Economics (H3), English 13, Philosophy 4 and 5.

Spring Term. — Philosophy 6.

ELECTIVE STUDIES.

Taking one hour of lecture or recitation work throughout a term as the unit, 185 units of work are necessary to the completion of the course. Of this number, 115 units are prescribed, as above. From the elective studies offered in the various departments, as above described, 70 additional units must be chosen, distributed as follows: *Sophomore*, from 20 to 23 units; *Junior* from 30 to 33 units; *Senior*,

from 15 to 19 units. Of these elective units there must be at least five in French, and ten in consecutive work in some one department of Scientific study. *In laboratory work a two-hour period counts as one unit.* Without special permission to do otherwise, each student is expected to take not less than thirteen nor more than eighteen units of work in any one term. For aid in choosing electives, the student will consult the schedules for the respective terms, which will be found a few pages further on.

To insure the organization of classes in purely elective studies, the student must announce his election of any given study to the Professor or Instructor concerned thirty days previous to the close of the preceding term.

II. FOR THE DEGREE OF BACHELOR OF SCIENCE. FRESHMAN YEAR.

Fall Term.	Winter Term.	Spring Term.
English. Algebra German, French, or Latin. Botany or Chemistry.	English. Trigonometry. German, French or Latin. Mechanical Drawing. Phys. Geog. or Chem- istry.	English. Analytics. German, French, or Latin. Physical Geography or Chemistry.

SOPHOMORE YEAR.

German or French. Mathematics. Physical Chemistry. Mechanics.	German or French. Mathematics. Heat and Light. Zoology or Desc. Geom.	German or French. Geology. Electricity and Mag. Surveying or Zoology or Organic Chem.
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JUNIOR YEAR.

Science. Science.**	Logic. Science.	Astronomy.* Science.
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SENIOR YEAR

Psychology. English Literature. Science.	Ethics and Theism. Science.	Evidences. Science.
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During the Junior and Senior years each candidate must take not less than 35 nor more than 50 term hours in Science. Of this amount not less than 20 nor more than 35 term hours must be selected from some one of the departments, Biology (B), Chemistry (C), Civil Engineering (CE), Geology (G), Physics (P). Before laying out his Junior and Senior work the student must consult with the instructor in whose department he expects to elect his principal science; and before being permitted to register for his winter term Junior work, he must file with the Registrar a schedule of studies covering at least the remainder of that year, such schedule to bear the signature of his Consulting Instructor. Unless originally made out for the Senior year also, this schedule must be completed to cover that year and refiled with the Registrar before registering for the fall term Senior work. Following the statement of work in each of the scientific departments the student will find a list of suggested combinations to go with the studies of that department as major. But these suggestions are not to be construed as taking the place of personal consultation with the instructors in the several departments. 185 units, or term hours, are required for graduation; the balance of time not provided for by the requirements of the preceding table being open to free election. Elections should be announced by the student to the instructor in charge of the study concerned thirty days previous to the end of the preceding term, in order to insure the formation of classes.

III.

FOR THE DEGREE OF BACHELOR OF PHILOSOPHY.

Beginning with the fall of 1903, the applicant for this degree must in every case have had the same amount of preparatory Latin as is required for entrance to Freshman Latin. He must elect upon entrance a Major Language, which may be either Latin, French, German, or Greek, in case he presents preparatory Greek for entrance. In this Major Language he must take two years of consecutive work, and previous to graduation he must elect not less than two years more of foreign language work, such election to be

made in consultation with the head of the department in which his Major Language is taken.

REQUIRED STUDIES.

FRESHMAN YEAR

Fall Term.—English 1a, Major Language 1, Mathematics 1.

Winter Term.—English 1b, Major Language 2, Mathematics 2.

Spring Term.—English 1c, Major Language 3, Mathematics 3.

SOPHOMORE YEAR

Fall Term.—English 2a, Major Language 4, Physics 1.

Winter Term.—English 2b, Major Language 5, Physics 2-3.

Spring Term.—English 2c, Major Language 6, Physics 4-5.

JUNIOR YEAR.

Fall Term.—English 5.

Winter Term.—English 7, Philosophy 1 and 2.

Spring Term.—English 9.

SENIOR YEAR.

Fall Term.—English 11, Philosophy 3 and 7.

Winter Term.—Economics (113), English 13, Philosophy 4 and 5.

Spring Term.—Philosophy 6, History of Civilization.

Total of prescribed work, 102 to 106 units.

ELECTIVE STUDIES.

At least 80 to 83 units of elective work must be chosen, distributed as follows: Freshman year, 11 to 13 units; Sophomore, 20 to 24 units; Junior, 34 to 37 units; Senior, 12 to 15 units. Of this elective work at least two years (not less than 24 units) must be in foreign language work, as indicated in the paragraph immediately preceding the table of required studies.

SCHEDULE — FALL TERM

Year	Name of Course	Course Number	Prerequisite	Required of	7:30	9:00	10:00	11:00	1:00	2:30
Freshman	English	Elc		All						
	French*	F1		B. S.					M, T, W, Th	M, W, Th, F
	German*	Ger1		B. S.					M, T, W, Th	M, W, Th, F
	Greek	Gri1	Prep. Greek	A. B.		M, T, Th, F				
	Latin	Li1	Prep. Latin	A. B.	M, T, W, Th					
	Algebra	M1	Prep. Math.	All		T, W, Th, F	T, W, Th, F			
Sophomore	Botany	Bot1		B. S.			T, Th			
	Chemistry	C1					T, Th	M, T, Th, F		
	English	Elc		All						
	French*	F2	F1-1		M, T, W, Th				T	
	German*	Ger2	Ger1-2							
	Greek	Gri2	Gri1-3	A. B.	M, T, Th, F					
Junior	Latin	Li2	Li1-3	A. B.		M, T, W, Th				
	Mechanics	Ph1	M2	B. S., B. Ph.		P	T, W, Th, F			
	Physical Chem.	C2	C2, M3	B. S.		M, T, W, Th	M	W		
	English	Elc		All						
	Latin	Li2	Li1-3	A. B.					5	T
	English Lit.	El1		All						
Senior	Psychology	Ph1 and 2	Ph1, 7, 9	Ad			3	5		

* The order in which students take first year French and German, scheduled as Freshman studies, and second year French and German, scheduled as Sophomore, will depend upon the language credits presented in fulfillment of Freshman entrance requirements. At least a year each of French and German is required of all candidates for the B. S. degree except those who elect Freshman Latin.

SCHEDULE - FALL TERM - Concluded

Elective Courses

Name of Course	Course Number	Prerequisite	Required of	7:00	9:00	10:00	11:00	1:00	2:00
English Novel French German Latin Spanish Hist. of Art	E6 E7 Ger7 L10 S1 RA1	P15 Ger15 L15		M, T, Th.	M, W, Th.	5 5			W, F M, Th.
Mathematics Calculus Top. Survey Elem. Mech. R. M. Survey	M4 M6 CE5 CE6 CE4	M15 M15 CE1-4 CE1, M1 CE2		5	M, W, F T, Th.	M, W, F	M, T, Th, F	5	M, W, Th, F
Comp. Anat. Embryology	Z6 Z9	Z4, Z1, C1 Z6				M, T, Th	5	5	M, W, F
Inorg. Chem. Inorg. Prep's Theor. Chem. Chem. Lab.	C6 C5 C12 C11	C3 C13 C16 C9		For hours, see statement of			W, F Chemistry	Courses, W, F M, T, Th.	M, T, Th.
Organ. Geol. Geology, Sc.	G4 G9	G5, Bot1, Z4 G3, Bot1, Z4		W, F	W, F			5	W, F M, T, Th.
Adv. Phys. Lab. Dynamo Design	P6 P9, 10	P1, M13 P7, M16			M, W, Th.			W, Th T, F	W, Th T, F.

SCHEDULE - WINTER TERM

Year	Name of Course	Course Number	Prerequisites	Required of	7:00	9:00	10:00	11:00	1:30	2:30
Freshman	English	Eng		all						
	French	F1	F1	B. S.						M, W, Th, F
	German	Ger1	Ger1	B. S.				M, T, Th, F		
	Greek	Gr1	Gr1	B. S.				M, T, Th, F		
	Latin	L1	L1	B. S.	T, W, Th, F	M, W, Th, F				
	Trigonometry	M1	M1	all		M, T, W, Th	M, T, W, Th			
	Mech. (DRAWING)	CE1	Phys. Mech.	B. S.			T, Th			
Sophomore	English	Eng		all						
	French	F2	F1, F		M, T, Th, F				T	
	German	Ger2	Ger1, F							
	Greek	Gr2	Gr1, F	A. B.	M, T, Th, F					
	Latin	L2	L1, F	A. B.		T, W, Th, F				
	Heat and Light	Ph2	Ph1	B. S., B. Th.		M	M, T, W, Th	W		
Junior	English	Eng		all						
	Logic	Ph2, 2		all						T
Senior	English	Eng		all						
	Philosophy & Theology	Ph2, 3		all					Th	

* The one hour a week meeting with Logic for Christian Philosophy will meet after Heat and Light must be arranged individually with instructors.

SCHEDULE - WINTER TERM - Concluded

	Name of Course	Course Number	Prerequisite	Required of	7:40	9:00	10:00	11:00	1:30	2:30
Relative Courses	Anglo-Saxon King Literature	E1					Δ			
	Shakespeare	E11						W, Th, F.	M, W, F.	
	French	E8	E5						T, F.	
	German	Ger8	F13				Δ			
	German	Ger10	Ger1-5							W, F.
	Greek	Gr7 or 9	Gr1-6				Δ			
	Italian	11					M, T, Th			
	Latin	L8	L1-5				Δ			
	Latin	L11	L1-5, 10							M, Th.
	Spanish	81	81				W, F			
	Hist. of Art	HA2						Δ		
	Calculus	M5	M1-4		T, W, Th, F					
	Desc. Geom.	CE2	CE1						M, W, Th, F	
	Anal. Struct.	CE7	CE1, ME, F1					Δ		
	Zoology	Z4	Z1							
	Comp. Anal.	Z7	Z6				T, Th		M, W, Th, F	M, Th.
	Physiol. Psych.	Z11, 12	Z5, F6, 7				W, F, 1	Δ		
	Adv. Biol.	Z14	Z6				W, F, 2			
	Special Physiol.	Z15					W, F.	Open to	women only	
	Junior Chem.	C7-8	C5				M, T, W, Th	Δ		
	Therm. Chem.	C7-8	A10, 11				W, F			
	Chem. Lab.	C7-8	C9				M, T, Th	M, T, Th		
	Crystallization	C7	F1-5							
	St. Aerology	C7	G5, C9-10				M, T, Th	Δ		M, W, F
	Elec. Meas.	F7-8	F4, M1-5							
	Adv. Light	F12-14	F2, M1-6					T, Th, F.	Δ	M, W, Th, F
									M, W.	M, W.

* Z11-12 and Z14 will not both be given in any one year.

† Three additional Laboratory periods of two hours each arranged individually.

SCHEDULE—SPRING TERM

Year	Name of Course	Course Number	Prerequisites	Required of	7:40	9:00	10:00	11:00	1:30	2:30
Freshman	English	Elc		All						M, W, Th, F.
	French	F5	Fl-2	B. S.		T, W, Th, F.				
	German	Ger5	Ger1-2	B. S.		T, W, Th, F.				
	Greek	Gr5	Gr1-2	A. B.		M, T, Th, F.				
	Latin	L5	L1-2	A. B.	M, T, W, F.					
	Analytics	M5	M1-2	B. S., B. Ph.			M, T, W, Th.			
	Physiology	Z1		A. B.*				M, T, W, Th.		
Sophomore	Phys. Geog.	G2		B. S.				M, T, Th, F.	M, T, Th, F.	
	Chemistry	C2b	G1	B. S.		M	F	M, T, Th, F.		
	English	Ec5		All				T**		
	French	F6	Fl-3		T, W, Th, F.					
	German	Ger6	Ger1-3							
	Greek	Gr6	Gr1-3	A. B.	M, T, Th, F.					
	Latin	L6	L1-3			T, W, Th, F.				
Junior	Elec. and Mag.	Fl-5	Fl	B. S., B. Ph.			W, F.	M, W, Th, F.		
	English	Ec9		All						T.
Senior	Evidences	Ph. 6		All						
	Hist. of Civ.	H5		B. Ph.						

* Classical student may take either Analytics or Physiology in the Freshman year, but those who elect Analytics must take Physiology in the Sophomore or Junior year.

** Another section of an hour to be arranged.

SCHEDULE—SPRING TERM—Concluded

	Name of Course	Course Number	Prerequisite	Required of	7-40	8-60	10-00	11-00	1-30	2-30
Elective Courses	Am. Writers	E10								
	Eng. Lit.	E2								
	French	F1						M, W, F.	M, W, Th.	
	French	F9	F1 &				5			
	German	Ger9	Ger1 &				5			
	German	Ger11	Ger1 &					T, Th.	T, F.	
	German	Ger12						W, F.		
	Greek	Gr9	Gr1 &					5		
	Italian	I2	I1					5		
	Latin	L9	L1 &				5			
	Latin	L12	L1 &, 10, 11							M, Th.
	Med. Europe	H1						5		
	Hist. of Art	HA9						5		
	Teach. Math.	M7	M1 &							
	Astronomy	A1	M1-2		5			5		
	Surveying	CE2	CE1, M2							M, T, Th, F.
Strength Mat.	CE8	CE7				5			M, T, Th, F.	
Zoology	Z9	Z1								
Comp. Anat.	Z8	Z6				5	M, Th.		M, T, Th, F.	M, Th.
Crypt. Bot.	Bot9	Bot1, C1							5	M, W, F.
Organ. Chem.	C4	C2			M, T, Th, F.	M				
Quant. Anal.	C9-10	C7				5	M, T, Th, F.			
Mineralogy	G8	G7, G8, P1					W, F.			
Dynam. Geol.	G3	P1 & 2					M, T, Th	5	W.	W.
Environmental	G6	G1, 5, 8, C9-10				Hours to be arranged				

* Another Laboratory tour to be arranged individually.

DEGREES CONFERRED JUNE, 1902.**BACHELOR OF ARTS.**

ERNEST S. ASHBROOK,	BLANCHE DORA BEATTIE,
OSCAR ROBERT OLSEN FAREL,	LEWIS HENRY BEALL,
FRANK CHARLES LEWIS,	EUGENE BAENEY HUFFMAN,
HUBERT LELAND NICHOL,	GEORGE WRIGHT LEWIS,
NATHANIEL JAMES PERKINS,	WILLIAM A. ROUDEBUSH,
WILLIAM DWIGHT SAMPLE,	FLORAN DAVID PERKINS,
ANNA GRACE SWING,	LEWIS WILBUR SMITH,
DORA IRENE ZIMMERMAN.	

BACHELOR OF SCIENCE.

KARL ORMOND BURRER,	ETTA MAY CRILLY,
CECIL SHEPARD HINES,	RUFUS GIFFEN JONES,
GERTRUDE IRIS MILLER,	MARY RUTH SHARER,
JOHN ERNEST SHEPARDSON,	WARNER W. STOCKBARGER,
CHARLES THOMAS WISE.	

BACHELOR OF PHILOSOPHY.

BLANCHE ELIZABETH BAKER,	FRED BROWNE,
ALICE RAY GILPATRICK,	MARY IDA MEAD,
WILLIAM FRANK POWELL,	MARK WINCHESTER.

BACHELOR OF LETTERS.

FANNIE FERN ADAMS,	EDWARD CHAMBERLAIN COLBY,
GEORGE ELWOOD HARTSHORN.	

ALUMNI ASSOCIATION.

The "Society of the Alumni" was founded in 1859. Its first officers were: *President*, William P. Kerr, class of 1845; *Vice President*, Edward M. Downer, class of 1850; *Secretary*, Francis M. Hall, class of 1856; *Treasurer*, Henry Fulton, class of 1859. Rev. Samson Talbot, class of 1851, four years later to become President of the University, delivered an address on "The Importance of a Right Moral Development in Education."

The officers of the Society for the current year are:

PRESIDENT,	Milo B. Price, '92
VICE PRESIDENT,	Dr. Fred D. Barker, '82
SECRETARY-TREASURER,	W. H. Johnson, '85

EXECUTIVE COMMITTEE.

Prof. C. W. Chamberlain, '94. G. E. Leonard, D. D., '52.
W. Blair Clark, '97.

STUDENTS IN GRANVILLE COLLEGE CLASSES.

GRADUATE STUDENTS.

WILLIAM A. BERGER, German and English.	Newark.
KARL O. BURRER, Physics.	Granville.
CLARA A. DAVIES, Chemistry.	Granville.
WARNER W. STOCKBERGER, Biology.	Granville

SENIOR CLASS.

FRANK BELFORD AMOS, Cl.,	Cambridge.
JAMES ROE BURT, Sc.,	West Lafayette.
HAROLD PUTNAM CHAFFEE, Cl.,	Marshall, Tex.
OREN ISAAH DUSTHIMER, Sc.,	Linville.
IRVING ANGELL FIELD, Sc.,	Elyria.
VINTON ERNEST FIELD, Cl.,	Fort Wayne, Ind.
HOWARD EDWARD FLANAGAN, Cl.,	Niles.
WALTER LEROY FLORY, Lit.,	Newark.
HARRY B. GENGNAGEL, Cl.,	Dayton.
DAVID WILLIAM GUTHRIE, Cl.,	Granville.
HUGH ROBERT HICK, Lit.,	Sidney.
ELMER MAURICE JONES, Sc.,	Alexandria.
S. GUY JONES, Sc.,	Union Station.
FRED SUMNER LARUE, Lit.,	Dayton.
ALLEN NICHOLS NETTLEMAN, Cl.,	Toledo.
HOWARD OLMSTED, Cl.,	Cleveland.
DONALD HUSTED POWERS, Sc.,	Norwalk.
EDWARD COXE ROBERTS, Cl.,	Granville.
WILLIAM HASLETTE SPOULL, Lit.,	Pittsburg, Pa.
LEONARD GOBLE SWING, Sc.,	Granville.
WILLARD AARON ZIMMERMAN, Sc.,	Perrysville

JUNIOR CLASS.

ELY EBENEZER ALBRO, Sc.,	Newark.
GEORGE MAXWELL BARTON, Sc.,	Geneva.
CHARLES FELIX BURKE, Sc.,	Bethel.
CHARLES DAVID HAYDEN, Cl.,	Centerburg.

JUNIOR CLASS — Concluded

EDWARD BRAINERD LOUGHRIDGE, Sc.,	Granville.
HERBERT DAY MCKIBBEN, Sc.,	Walnut Hills, Cin.
FRED BLANCHARD MOORE, Cl.,	Granville.
ORVILLE COOLEY MONTGOMERY, Sc.,	Pataskala.
ARTHUR NOYES PECKHAM, Sc.,	Kingston, R. I.
CHARLES MILLHOUSE REVENAUGH, Cl.,	Rowland.
RAYMOND DUANE SPROUT, Cl.,	Gasport, N. Y.
HORACE HOLMES WALL, Ph.,	East Clarence, N. Y.
JAMES SAMUEL WEST, Cl.,	Lester, W. Va.
WILLIAM ELGIN WICKENDEN, Sc.,	Toledo.
ROBERT MORRIS WYLIE, Cl.,	Granville.
CHARLES LEWIS WILKIN, Cl.,	Wilkin.

SOPHOMORE CLASS.

FREDERICK D. ADAMS, Ph.,	Franklin.
JAMES FOSTER CHAFFEE, Cl.,	Marshall, Tex.
JOHN ANTON CHERNEY, Cl.,	Cleveland.
JOHN GARDINER CROSS, Cl.,	Narragansett Pier, R. I.
JOHN EBERLIE GRIL, Cl.,	Granville.
LEE EVERETT GUTRIDGE, Ph.,	Newark.
ROBERT D. HUNT, Ph.,	Franklin.
ROGER M. JONES, Cl.,	Newark.
RALPH BANTON MILLER, Lic.,	Newark.
JUSTIN WEOF NIXON, Cl.,	Granville.
DANIEL PAUL ORCUTT, Sc.,	Granville.
RICHARD JOHN OWEN, Sc.,	Newark.
CHARLES EMMETT OXLEY, Sc.,	West Carlisle.
CHARLES BENJAMIN PATT, Cl.,	Newark.
CHARLES CLAYTON PATTERSON, Cl.,	Jamestown.
GALE SEAMAN, Cl.,	Springfield.
HENRY JOHN SKIPP, Cl.,	Pittsburg, Pa.
JOHN FULTON VAN VOORHIS, Sc.,	Newark.

FRESHMAN CLASS.

WALTER MARION BAYLESS, Sc.,	Wilmington.
JOHN SOLON BRIDGES, Cl.,	Newton, N. C.
HOMER OSGOOD CARSON, Sc.,	Granville.

FRESHMAN CLASS — Continued.

BOYD BLAINE CHAMBERS, Cl.,	Huntington, W. Va.
CHARLES KING CHAPMAN, Cl.,	Granville.
ROWLAND SMITH CLISSOLD, Sc.,	Morgan Park, Ill.
WILLIAM ANDERS EVANS, Sc.,	Cambridge.
LEONARD JULIUS FOX, Sc.,	Dayton.
MOSE SIMPSON GRIFFITH, Cl.,	Batavia.
WALTER NEWHOME GRIMMELL, Sc.,	Cleveland.
JOHN HUGHES HISLOP, Sc.,	Columbus.
GEORGE ELROY HOWELL, Sc.,	Frampton.
WALTER CURTIN HUMPTON, Sc.,	Granville.
LAWRENCE CLIFTON IRWIN, Sc.,	Alexandria.
JAMES RUSSELL JENNESS, Sc.,	Cherry Point, Ill.
JOHN ERNEST LOYD, Sc.,	Granville.
HAROLD CHESNEY MCCAIG, Cl.,	Hebron.
PAUL STILLWELL MCKIBBEN, Sc.,	Granville.
PAUL DUNCAN MITCHELL, Cl.,	Newark.
MERRELL REES MONTGOMERY, Sc.,	Newark.
ALBERT KING MORRIS, Cl.,	Middletown, C.
HARRY CLARENCE MURPHY, Ph.,	Dayton.
CHARLES BURTON NICKELS, Cl.,	Toledo.
MAURICE DAVID PACE, Ph.,	Johnstown.
ROBERT E. POND, Sc.,	Granville.
CURTIS VERNE PRIEST, Sc.,	Newark.
JOHN CLINTON PRIOR, Sc.,	Granville.
RALPH WILLIS QUICK, Cl.,	Fort Collins, Col.
DANIEL FRANKLIN RITTENHOUSE, Cl.,	Marysville.
ALLEN COWEN ROUTEBUSH, Cl.,	Batavia.
ASHBELL FAIRCHILD SIMPSON, Cl.,	Hopwood, Pa.
ROBERT WAITE SULLIVAN, Sc.,	Dayton.
JOHN CRISWELL SWARTZ, Cl.,	Granville.
RAYMOND HULLIS TRACY, Cl.,	Hulbard.
ROBERT CLAY VAN VOORHIS, Cl.,	Newark.
ROY LESLIE WELLS, Sc.,	Alexandria.
JAY VARNUM WESCOTT, Sc.,	Pittsburg, Pa.
JAMES FRANK WHALLON, Cl.,	Joliet, Ill.
FRANK EUGENE WOOD, Sc.,	Granville.
PERRY DANIEL WOODS, Cl.,	Piqua.
FREDERICK FLAKE WRIGHT, Sc.,	Newark.

FRESHMAN CLASS — Concluded.

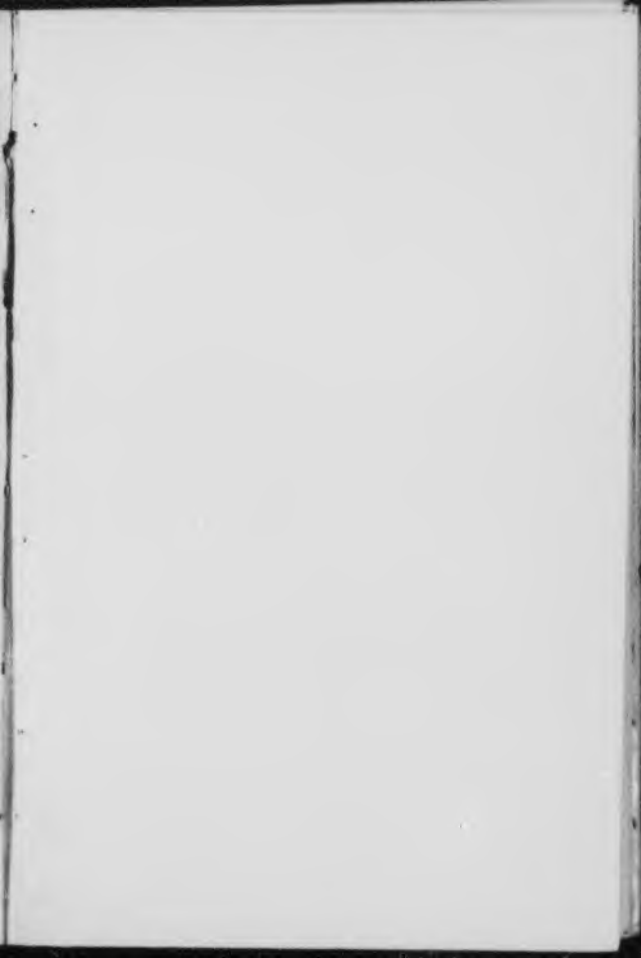
WILLIAM BOUTON WRIGHT, Sc.,	Homer.
CLARENCE BENJAMIN YALE, Ph.,	Waynesfield.

ELECTIVES.

WILLIAM EDWARD ARTER,	Keunon.
GEORGE ROGERS BAKER,	Newark.
GORDON CLARK BECK,	Bethel.
HOWARD LEROY BETHEL,	Helioway.
FREEMAN EARL BOLLINGER,	St. Paris.
CLAUDE EDWARD BOYER,	Joliet, Ill.
LEWIS HENRY BURR,	Toledo.
EMERSON SCHLONKER CLEM,	St. Paris.
ALFRED MANSFIELD COLBY,	Dayton.
EDWARD GORTON DAVIS,	New York, N. Y.
STEPHEN AUGUSTUS DOUGLAS,	Mansfield.
J. FRANK GALLAHER,	Franklin.
PHILIP HOWARD GOODWIN,	Granville.
JOSEPH CHARLES GREEN,	Troy.
ROBERT HILL,	Sharon, Pa.
ARTHUR HANDLY HIXSON,	Newark.
CLARENCE FULTON JONES,	Chicago, Ill.
DON CLYDE KITE,	Granville.
WILLIAM CLARENCE LACY,	Granville.
HARWOOD LERSCH,	Elyria.
EMMETT HORNER LESLIE,	Peniel.
WILLIAM FRANK LOYD,	Granville.
MONTIS JOSEPH LUCAS,	Outville.
WILLIAM HERBERT LUSE,	Springfield.
JOHN LEE MADDOX,	Ludlow, Ky.
CHARLES FRANKLIN MATHews,	Richwood.
HENRY CLARENCE MCCOY,	Newcomertown.
CALVIN EARL McMILLEN,	Jackson Center.
WALTER CHARLES METZ,	Newark.
HOMER BRADLEY MILLER,	Bellevue.
BERTRAM ALEXANDER MITCHELL,	Granville.
GEORGE WALLACE NICHOLS,	Bedford.
GUY HALL ORCUTT,	Granville.
WILLIAM ALEXANDER PAYNE,	Pasadena, Cal.

ELECTIVES — Concluded.

CHARLES PROSE,	West Jefferson,
JOHN LITTLE RANDALL,	Frazeyburg.
FREDERICK RUSSELL RUMMEL,	Mansfield,
JESSE JOSIAH RUNYAN,	Cincinnati.
QUINCY LOCKE SANBORN,	Landonville.
FLETCHER SAMUEL SCOTT,	Rawson.
JOHN WHITCOMB SHEPARDSON,	Chicago, Ill.
LEVI LEE SHEPPARD,	Cincinnati.
THOMAS SHEPPARD,	Granville.
CHARLES WILLIAM SHINN,	Granville.
HARRY N. SHUTTS,	Granville.
T. J. SMULL,	Mackeyville, Pa.
HOMER DAVID SWYGERT,	Pataskala.
FREDERICK MARTIN TIDD,	Canton.
GEORGE CLEVELAND TUSSING,	Bryce.
GEORGE WASHINGTON WYMER,	Ironton.





KING HALL



BURDON HALL



FAYETTE BAPTIST CHURCH

II. SHEPARDSON COLLEGE.

HISTORICAL STATEMENT.

For several years prior to 1900, under joint agreement of the authorities of the two schools, the facilities of Denison University, including instruction, were largely accessible to the students of Shepardson College. The practical working of this arrangement gradually pointed the way to a still closer union, making it possible to offer to both daughters and sons of the patrons of the two schools an education in all respects equal, and receiving equal recognition upon completion.

In June, 1900, following these indications of practical experience, such a union was effected. The courses of Denison University, its class rooms, its material equipment and its degrees, were opened to the students of Shepardson College on exactly the same terms as to young men. While Shepardson College thus became a department of the University, co-ordinate in all scholastic matters with Granville College, it still retains its legal identity, and offers on its own account one course, differing from any of the courses of the University and leading to the title of Associate in Literature.

As the Boards of Trustees and the courses of instruction (with the exception just noted) are now the same for Granville College and Shepardson College they are not here repeated, but may be found, with other general information, in the preceding pages of the catalogue.

COMMITTEES.

EXECUTIVE COMMITTEE.

E. W. HUNT,	D. M. SHEPARDSON,
BUNYAN SPENCER,	J. R. DAVIES,
W. BLAIR CLARK.	

COMMITTEE TO ASSIGN SCHOLARSHIPS.

E. W. HUNT,	J. R. DAVIES,
B. F. PATT	

ADVISORY COMMITTEE.

CLASS I—Term expires in 1903.

Mrs. J. M. AMOS	Cambridge.
Mrs. E. S. SHEPARDSON	Granville
Mrs. E. K. NICHOLS	Wilmington.
Mrs. B. F. McCANN	Dayton
Mrs. J. H. McKIBBEN	Cincinnati.

CLASS II—Term expires in 1904.

Mrs. G. M. PETERS	Cincinnati.
Mrs. J. A. ROBERT	Dayton
Mrs. C. T. LEWIS	Toledo
Mrs. J. R. DAVIES	Newark
Mrs. S. F. VAN VOORHIS	Newark

CLASS III—Term expires in 1905.

Mrs. J. F. CAMPBELL	Canton.
Mrs. WILSON CHISHOLM	Cleveland.
Mrs. R. S. COWELL	Granville.
Mrs. L. T. SCHOFIELD	Cleveland.
Mrs. E. B. SOLOMON	Dayton.

**OFFICERS OF INSTRUCTION AND
GOVERNMENT.**

EMORY W. HUNT, D. D., LL. D.,
PRESIDENT.

Intellectual and Moral Philosophy.

HARRIET MARIA BARKER, A. M.,
DEAN.

History of Art.

JOHN L. GILPATRICK, PH. D.,
Mathematics.

R. S. COLWELL, D. D.,
Greek.

GEO. F. McKIBBEN, A. M.,
Romance Languages.

CHARLES L. WILLIAMS, A. M.,
Rhetoric and English Literature.

W. H. JOHNSON, A. M.,
Latin.

C. J. HERRICK, PH. D.,
Zoology.

C. W. CHAMBERLAIN, A. B.,
Physics and Chemistry.

T. L. WATSON, PH. D.,
Geology and Mineralogy.

W. A. CHAMBERLIN, A. M.,
Modern Languages.

WILL H. BOUGHTON, C. E.,
Engineering.
(91)

DENISON UNIVERSITY.

W. BLAIR CLARK, M. S.,
Chemistry.

A. S. CARMAN, A. B.,
History.

BUNYAN SPENCER, A. M., B. D.,
Logic.

MARY E. ADKINS, A. B.,
Physiology and Physical Training.

ANNA B. PECKHAM, A. M.,
Latin.

CLARA ANNE DAVIES, B. S.,
Science.

NELLIE A. MONTGOMERY, A. B.,
English Literature and History.

ALMA BLAISDELL,
Introductory Classes.

HELEN M. HUNT,
Matron.

W. BLAIR CLARK, M. S.,
Treasurer.

ANNA B. PECKHAM, A. M.,
Secretary of the Faculty.

LADIES IN CHARGE OF COLLEGE HOUSES

Burton Hall	MISS BARKER.
King Hall	MISS PECKHAM.
Shepardson Cottage	MISS MONTGOMERY.
Care Cottage	MISS DAVIES.
Club House	MISS BLAISDELL.

COURSES OF STUDY AND DEGREES.

As previously stated, the courses of study of Denison University, and its degrees, are all open to students of Shepardson College on equal terms with young men, and a detailed statement of studies offered in the various departments of instruction, with conspectus of courses leading to the several degrees, and schedule of recitation hours, will be found on pages 37-81.

In addition to these courses, Shepardson College on its own account offers the title of Associate in Literature for the following course, based upon the same amount of preparatory work as is required for entrance to the Freshman Year in the University courses.

FIRST YEAR.

FALL TERM

French or German
Rhetoric
Chemistry
American Literature

WINTER TERM

French or German
English Literature
Chemistry
American Literature
English

SPRING TERM

French or German
English Literature
Chemistry or Botany
American Literature
English

SECOND YEAR.

FALL TERM

French or German
Eng. Lit. or History
Elective
English

WINTER TERM

French or German
Eng. Lit. or History
Elective
English

SPRING TERM

French or German
Eng. Lit. or History
Elective
English

The work in American Literature as outlined is required somewhere in the course. However, the

student will be allowed the option of Music or Art instead of American Literature during the first year, if desired. This work in Music or Art may be continued during the second year as an elective.

The work in English Literature required for this course is open also as elective to College students in the regular University Courses. The chief results sought in the study of English Literature are: First, a comprehensive view of its historic development; second, the cultivation of a broad and generous spirit in the criticism of literary work.

The principles of style of prose and poetry according to *Minto's Manual of English Prose Style*, *Gummere's Handbook of Poetics*, and *Corson's Primer of English Verse* are continually kept before the student in reading the masterpieces. The library reading constantly required is facilitated by the use of printed topics, and affords the student excellent opportunity to learn the art of note-book keeping, and how to handle books.

In addition to recitations, the class room work is varied by brief papers and original discussions by the students, and occasional talks and lectures by the instructor.

In the winter term of the second year a brief course in Anglo-Saxon is given. In the spring term, special time and attention are devoted to Shakespeare studies. The plays read are studied with particular reference to the principles of the drama as set forth in *Freytag's Technique of the Drama*.

ROOMS AND BOARD.

Non-resident students are expected to board and room in the College, unless other arrangements have been previously made with the college authorities.

A self-boarding club is maintained upon the college grounds, under the care of the matron and in charge of a resident teacher.

Teachers and students living on the College grounds, excepting those in the Club House, take meals in the Dining Hall, a bright, spacious room fully equipped, and adapted to the needs of such an institution.

Each student must furnish her own napkins and napkin ring, towels, sheets, pillow cases and bedding for either single or double bed, so that two room-mates may together furnish all needful bedding. Size of pillows, 22 x 27 inches. Those who desire may provide window drapery, table spreads, etc. All articles of clothing and bedding must be marked with the owner's name in full. Baggage should be plainly marked "Shepardson College," to insure prompt delivery.

In order to secure a room in advance, a retaining fee of five dollars must be deposited by each student with the Treasurer of the College. No room is regarded as engaged until this fee is in the Treasurer's hands. This sum will be applied on the first term's bills, unless the student fails to take the room, in which case it is forfeited. Those wishing a choice of rooms should apply early.

Rooms engaged at the close of the school year will not be held later than August 1, unless the retaining fee has been paid.

ADMISSION.

Students who have taken any of the regular courses in the Shepardson Preparatory Department are admitted to the Freshman Year of the corresponding course upon their certificates, without further examination. For those who have prepared elsewhere, the conditions of admission are identical with those of Granville College. See pages 33-34.

GOVERNMENT.

Only such rules and regulations are imposed as are necessary to maintain health and order. It is the endeavor of the College to foster among its pupils self-knowledge and self-control. In this policy it is aided by the hearty co-operation of the students themselves. In short, the government of the College is intended to be educational, rather than restrictive.

MORAL AND INTELLECTUAL INFLUENCES.

Without placing any constraint upon the denominational preferences of its pupils, the College aims to surround them with salutary Christian influences. Attendance on the daily Chapel exercises and the usual Sunday service is required, but no restriction is placed upon the pupil's choice of a regular place of worship. A students' prayer-meeting is held every Monday evening. Students and teachers unite in the Young Women's Christian Association, in a Missionary Band, and in classes organized for systematic Bible study.

There are two Literary Societies in the College, the Euterpean and the Philomathean, which have a large membership and do excellent work.

The Marsh Memorial Library in King Hall, established by Dr. and Mrs. Shepardson in memory of their daughter, Mrs. Lide Shepardson Marsh, contains a valuable collection of books for Bible and missionary study; also dictionaries, encyclopedias, and other helps for general study. This library is constantly being increased by gifts from the family and friends of Mrs. Marsh.

The Reading Rooms in Burton Hall are supplied with current literature, and in addition to the University Library a special Reference Library is maintained on the Shepardson College grounds, for the convenience of its students and teachers.

A Social Culture club holds regular meetings for the presentation and discussion of various questions pertaining to social etiquette. The social advantages of the school itself are greatly enhanced by the hearty welcome which the young ladies receive in the homes of the people of Granville.

MUSIC AND ART.

The Conservatory of Music, and the School of Art, furnish ample facilities to students who wish to pursue these branches. The courses offered, with the special charges in these departments, are described elsewhere.

ELOCUTION.

The classes of Mr. Neil, Instructor in Elocution, are open to students of Shepardson College. The charge for this work is extra. For detailed information, consult the general index.

PHYSICAL TRAINING.

This work is carefully planned to meet individual needs ascertained by a physical examination given each student at the beginning of the college year. Special corrective gymnastics have been employed to a considerable extent.

The time spent in indoor exercise is divided between class work with music, and individual work on chest weights and other developing appliances. Outdoor work consists largely of tennis and basket ball.

The students on the grounds are required to take systematic exercise. Those living in the village enjoy the benefits of the gymnasium upon the payment of a dollar a term or two dollars a year. For the sake of uniformity, students are advised to consult the Director before procuring their gymnasium suits.

SCHOLARSHIPS.

A limited number of scholarships are available for the use of students in case of necessity, provided they maintain an honorable standing in their classes and live an exemplary life.

It is understood that pupils holding scholarships, if called upon, will be expected to render slight service to the college. Such service, however, will in no way conflict with the pursuance of regular college studies.

EXPENSES.

The following schedule enumerates the principal expenses, which, as will be readily seen, have been reduced to a minimum. Tuition, incidentals and library fees are payable each term in advance, no stu-

dent being allowed to register until such settlement has been made with the treasurer.

No money will be refunded to a student who leaves before the close of the term except when one is excused from classes on account of one's own illness, in which case a charge is made for board, only for the time the student is resident in the college. No reduction for room rent, tuition, fees, etc., is made for less than half a term.

Rooms in Burton and King Halls, including heat, electric light, etc., range in price from \$40 to \$70 per year for each student.

Meals sent to rooms will be charged extra.

Any breakage or injury to furniture or rooms will be charged to the occupants of rooms.

Arrangements for washing can be made on reasonable terms.

FALL TERM.

Board	\$40 00
Ordinary room with fuel and light	12 00
Tuition in the Collegiate Courses	15 00
" Preparatory Courses	13 00
Incidental fee for each pupil	2 00
Library fee	1 00

WINTER TERM.

Board	\$35 50
Ordinary room with fuel and light	10 00
Tuition in the Collegiate Courses	12 00
" Preparatory Courses	10 50
Incidental fee for each pupil	2 00
Library fee	1 00

SPRING TERM.

Board	\$35 50
Ordinary room with fuel and light	8 00

Tuition in the Collegiate Courses	12 00
" " Preparatory Courses	10 50
Incidental fee for each pupil	1 00
Library fee	1 00

EXTRA EXPENSES.

Matriculation fees are as follows: Freshman Class, \$2; Sophomore, \$3; Junior, \$4; Senior, \$5.

Students absenting themselves from the regular examinations are charged a fee of \$2 for each special examination.

Certain Laboratory courses in Natural Science have fees attached, to cover cost of materials and breakage. For college classes these fees will be found with the statement of the individual courses in the various departments. For preparatory courses in Chemistry the fee is \$3 per term; in Physics, \$1 per term.

PREPARATORY DEPARTMENT.

The students of the Preparatory Department of Shepardson College are not separated from those of the College, except in class-room. In the homes they mingle freely, living side by side, enjoying the same friendships, pleasures, and privileges. This intimate association is helpful to all, but especially so to those of less experience.

ENTRANCE.

It is important that those entering for the first time should come the day before the opening of the Fall Term, for examination and classification.

Though students may enter at the beginning of any term, much is to be gained by entering the work at the opening of the year.

Each student in ordinary health is expected to take three regular studies,—or their equivalent in music or art,—and do the usual amount of reading and rhetorical work.

Lateness at the opening of the term can not be excused unless occasioned by illness in the family.

EXAMINATIONS.

At the close of each term written examinations are held; but those who, during the term, have maintained a grade of 95 per cent. may be excused from such tests, with the rank of *honor students*. In order to secure this grade, pupils should have no unexcused absences.

RELIGIOUS EXERCISES.

All students of the College are required to attend morning and evening Sabbath services and Sabbath School.

Classes in Bible study meet regularly, and are open to all members of the College.

COURSES OF STUDY.

The courses required for entrance to the Freshman Class in the University are all provided. For the contents of these courses, consult the general index under the heading *Doane Academy*. The Greek of the Classical Course, and the Chemistry of the Scientific and Philosophical, are taught by the Instructors in Greek and Chemistry in Doane Academy.

Requirements for entrance to the Freshman class, as adopted by preparatory schools generally, are as follows:

Books prescribed for reading and practice:

1902: Shakespeare's *The Merchant of Venice*; Pope's *Iliad*, Books I, VI, XXII, XXIV.; The *Sir Roger de Coverley Papers* in the *Spectator*; Goldsmith's *The Vicar of Wakefield*; Coleridge's *The Ancient Mariner*; Scott's *Ivanhoe*; Cooper's *The Last of the Mohicans*; Tennyson's *The Princess*; Lowell's *The Vision of Sir Launfal*; George Eliot's *Silas Marner*.

1903 and 1904: Shakespeare's *Merchant of Venice* and *Julius Caesar*; The *Sir Roger de Coverley Papers* in *The Spectator*; Goldsmith's *Vicar of Wakefield*; Coleridge's *The Ancient Mariner*; Scott's *Ivanhoe*; Carlyle's *Essay on Burns*; Tennyson's *The Princess*; Lowell's *The Vision of Sir Launfal*; George Eliot's *Silas Marner*.

Books prescribed for careful study and practice:
1902, 1903 and 1904: Shakespeare's *Macbeth*;
Milton's *Lycidas*, *Comus*, *L'Allegro* and *Il Penseroso*;
Burke's *Speech on Conciliation with America*; Ma-
caulay's *Essays on Milton and Addison*.

The exercises in writing aim to teach clear and accurate expression, special emphasis being laid upon spelling, grammar, punctuation, diction, sentence structure and paragraphing. As regards the reading the pupil is required to give evidence of general knowledge of the subject matter; to know something of the historical background of each book read, and to be familiar with the life of the author.

PREPARATORY SCHEDULE.

FALL TERM, 1903.

Hour.	7:40.	9:00.	10:00.	11:00.	1:30.	2:30.
Junior	Latin	Algebra.			Eng. Hist.	
Middle Cl.	Physics.	Chemistry	Greek I.	(Greek II.)	Med & Mod. Hist.	
Sc.				Latin		
Senior Cl.			Geometry.	Latin.	French.	Greek
Sc.	Physics.				German.	

WINTER TERM, 1904.

Hour.	7:40.	9:00.	10:00.	11:00.	1:30.	2:30.
Junior	Latin	Algebra.			Anc. Hist.	
Middle Cl.	Greek I.		(Greek II.)		Rhetoric.	
Sc.	Chemistry 4.	Physiology 4.		Latin.		
Senior Cl.			Geometry.	Latin.	Greek.	
Sc.	Physics.			French. German.		

SPRING TERM, 1904.

Hour.	7:40.	9:00.	10:00.	11:00.	1:30.	2:30.
Junior	Algebra	Latin			Physiology.	
Middle Cl.	Greek I.		(Greek II.)		Rhetoric.	
Sc.	Physiology 4.		Chemistry.	Latin.		
Senior Cl.				Latin.	Greek.	
Sc.	Algebra	French. German	Geometry 3. Physics 3.			

Juniors and Seniors have 1 hour English throughout year.

**DEGREES CONFERRED BY SHEPARDSON
COLLEGE, JUNE, 1902.**

BACHELOR OF LITERATURE.

LAURA BELLE BAYLESS.

HARRIET MESSENGER.

STUDENTS IN SHEPARDSON COLLEGE AND PREPARATORY CLASSES.

SENIOR CLASS.

RACHEL HARTSHORN COLWELL, Sc.,	Granville
SARAH EUDISIA DRAKE, Cl.,	Bedford
MARY CRUIA FULTON, Sc.,	Newark
VERNICE VALEDIA HUNTER, Lit.,	Danville
JESSIE AMANDA KING, Lit.,	King's Mills
CORYNNE ANNE MEYER, Lit.,	Newark
DOXA MOORE, Ph.,	Philippi, W. Va.
MARY BECKER PALMERTON, Lit.,	Granville
DAISY SHAMMUGH, Cl.,	Perryssville

JUNIOR CLASS.

GRACE WINIFRED BACKUS, Cl.,	Jefferson
KATE LEONORA CHAMBERS, Sc.,	Amanda
ELIZABETH WINNOR COLWELL, Cl.,	Granville
RUTH ANNA DRAKE, Lit.,	Piqua
CLARA MARIA FOLLETT, Sc.,	Granville
JANET RACHEL JONES, Sc.,	Granville
MARY CLAUDIA JONES, Sc.,	Newark
RUBY JONES, Sc.,	Newark
CLARA LOUISE McDONALD, Cl.,	Newark
JANE BELLE SIMPSON, Cl.,	Hopwood, Pa.
LILLIAN ALICE SNOW, Ph.,	Cleveland
LILLIAN ALICE WYLY, Lit.,	Granville
MABEL ESTHER WYLLIE, Ph.,	Granville

SOPHOMORE CLASS.

HELEN TAMMEN CASE, Lit.,	Granville
MAYBEL FLOY DENISON, Ph.,	Toledo
ELIZABETH FULLERTON, Lit.,	Greenfield
ELSIE COWMAN HUNTER, Cl.,	Norwalk
MARGARET FAYE MARLOWE, Lit.,	Granville
RUTH ELEANOR McKIBBIN, Lit.,	Granville
MARY CAROLINE MEGGINSON, Sc.,	Grand Rapids
STELLA MILBRED MOORE, Lit.,	Granville

SOPHOMORE CLASS — Concluded.

MYRA PELLEN, Ph.,	Fort Wayne, Ind.
BERTHA MAHEL SMITH, Cl.,	Granville.
CORA ELLEN SHERMAN, Cl.,	Bellevue
SARAH ELEANOR THOMAS, Lit.,	Bay City, Mich.
ELIZABETH THORNTON, Ph.,	Granville.
MARJORIE WILLIAMS, Ph.,	Columbus, Neb.
MARGARET ANN WATKINS, Lit.,	Granville.
MARY EDITH WORK, Sc.,	Granville.

FRESH MAN CLASS.

ANNA BELLE BENTHE, Cl.,	Norwalk.
BETTY DUNKIN CORPENTON, Sc.,	Lumberport, W. Va.
HELEN M. CRANE, Lit.,	Newark.
VIVA KELSEY DICKERSON, Sc.,	Jersey
AMY JEANETTE DODSON, Sc.,	Columbus.
MARY EMILY FERGUSON, Cl.,	Granville.
HARRIET CLARICE GILLMAN, Cl.,	Granville.
MARY CROSSLEY HALL, Sc.,	Newark.
MARY HELEN HUNT, Cl.,	Granville.
MARY ADELAIDE JENNESS, Ph.,	Cherry Point, Ill.
ELLEN DOUGLAS JOHNSON, Sc.,	Parkersburg, W. Va.
ELEANOR McDOWELL, Cl.,	Cincinnati.
AGNES NICHOL, Ph.,	Granville.
ANNE EUNICE NICHOL, Ph.,	Granville.
DONNA RUSSELL, Sc.,	Sidney.
OLIVE FRANCES SPENCER, Ph.,	Newark.
EDNA ROSE THORNTON, Ph.,	Granville.
BESSIE TRUMPER, Ph.,	London.
ESTHER REES WILLIAMS, Ph.,	Columbus.
AMY EMELINE ZIMMERMAN, Ph.,	Perryville.

ELECTIVES.

MARY ADKINS,	Granville.
BESSIE ELIZA BECK,	Bethel.
ALMA LOUISE BLAISDELL,	Des Moines, Ia.
MARY MARGARET BROTHERTON,	Delphos.
CLARISSA CARROLL,	Alexandria.
ANNA MAUD CHAMBERS,	Cumberland.
MARY ETHEL FIELD,	Fort Wayne, Ind.

THE HISTORY OF THE

The history of the world is a long and varied one, and it is not possible to give a full account of it in a single volume. The history of the world is a long and varied one, and it is not possible to give a full account of it in a single volume. The history of the world is a long and varied one, and it is not possible to give a full account of it in a single volume.

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THE
JOURNAL
OF
THE
ROYAL ANTHROPOLOGICAL INSTITUTE
VOLUME 10
PART 1
1880



CORRECTION!!!

The previous document(s) may
have been filmed incorrectly...

Reshoot follows

ELECTIVES — Concluded.

FRANCES DWIGHT JOHNSON,	Parkersburg, W. Va.
MARY LOUISE JONES,	Newark.
IDA MOORE,	Newark.
MARY BEBLE NEWTON,	Bowling Green.
MARIAN STARR NICHOL,	Granville.
GRACE LILLIAN NICHOLS,	Bedford.
FLORENCE MARY NICKELS,	Toledo.
SHIRLEY PITZER,	Newark.
FAITH POMEROY,	Boston, Mass.
GENEVIEVE BOOTH SHEPARD,	Wyoming.
LILLU MAY SHINN,	Flora, Ill.
STELLA THOMPSON,	Tunnel Hill.
HELEN WILLIAMS,	Granville.
LINA WELLS,	Washington, C. H.
ELSIE WRIGHT,	Croton.
GRACE WRIGHT,	Croton.

STUDENTS IN SHEPARDSON COLLEGE TWO YEARS' COURSE.**SENIOR CLASS.**

MARTHA GRACE HARTFORD,	Granville.
LILIAN MEGGINSON,	Grand Rapids.
KATHERINE KEESY MESSENGER,	Utica.

SHEPARDSON PREPARATORY DEPARTMENT.**SENIOR CLASS.**

FLORENCE ETHEL BOUNDS,	Newark.
MABEL ALICE BUTTERFIELD,	Granville.
CLARICE EMILY CARROLL,	Alexandria.
SARAH ADELVYN FLEMING,	Browning, Mo.
BESSIE LEONE GULLEY,	Selma, Ala.
BERTHA ANNA HEACOCK,	Sekitan.
HELEN LE CRONE	Millersport.

SENIOR CLASS — Concluded.

MARY EDNA MARTIN,	Newark.
MARY LOUISE McKIDDEN,	Granville.
MERTIE ELLEN REVENAUGH,	Granville.
MARY CATHERINE TUTTLE,	Granville.
ALICE MAY WILLIAMS,	Granville.
LINA MARION WILLIS,	Washington, C. H.
BESSIE EMMA WILSON,	King's Mills.
GRACE WRIGHT,	Croton.

MIDDLE CLASS.

IRENE McALLISTER CHAMBERS,	Amarda.
MARY ETHEL DAVIS,	Granville.
MILDRED HUNT,	Granville.
HELEN EMMELINE MARTIN,	Hebron.
GRACE MARIE PRICE,	Morgan Park, Ill.
ELLA MARION ROBERTS,	Granville.
MABEL GRACE SKIPP,	Mill Rock.
GWLADYS SPENCER,	Granville.
GERTRUDE EVELYN TODD,	Johnstown.

JUNIOR CLASS.

BEULAH BROOKS BROWN,	Granville.
ALICE DALZIEL,	Granville.
BERTHA ANNA FEYER,	Wandsbeck, Hamburg, Germany.
HELEN KENDRICK HUNT,	Granville.
GWENDOLYN JONES,	Granville.
HELEN GRACE McCHILLAND,	Fredericktown.
MARY EDNA McDANIEL,	Raccoon Island.
MARGARET McKIDDEN,	Granville.
RUTH ORCUTT,	Granville.
MARTHA ELLEN SMITH,	Columbus.
ALICE AMELIA TUTTLE,	Granville.

ELECTIVE.

ADA ALEXANDER,	Wren.
NELLIE FRIEND HARR,	Pleasantville.
BESSIE ELIZA BECK,	Bethel.
HELEN MAY CRANE,	Newark.

ELECTIVE—Concluded.

VIVA KESLO DICKERSON,	Jersey.
ARY JEANNETTE DENISON,	Columbus.
HARRIET CLAUDE GILLILAN,	Granville.
GERTRUDE FLORENCE GOOD,	Granville.
MARY CROSSLEY HALL,	Newark.
ROSE ELSIE HARRISON,	Jersey.
ALICE HAYES HUMPHREY,	Granville.
EDITH TERESA JONES,	Canton.
MYRTLE JONES,	Granville.
LENA CARROLL McCALL,	Helton.
FLORENCE McCLELLAND,	Fredericktown.
BERTHA McDONALD,	Dresden.
ELEANOR McDOWELL,	Cincinnati.
GRAYLE PAULINE MEIER,	W. Rushville.
MARY BEULLE NEWTON,	Bowling Green.
GRACE LILLIAN NICHOLS,	Bedford.
SHIRLEY PEARL PIESER,	Newark.
DONNA GRACE RUSSEL,	Sidney.
HELEN CHERISHA SCOTT,	Granville.
MAUDE ALMA SINNETT,	Granville.
IVANITA MARTHA SMOOTS,	Cleveland.
OLIVE FRANCES SPENCER,	Dresden.
RENA VON STAATS,	Fredericktown.
SUELLA THOMPSON,	Tunnel Hill.
ELSIE WRIGHT,	Croton.
MARY EMERSON WRIGHT,	Bethesda.

III. DOANE ACADEMY.

FACULTY.

EMORY W. HUNT, D. D., LL. D.,
PRESIDENT OF DENISON UNIVERSITY.

H. RHODES HUNDLEY, Sc., D.,
PRINCIPAL.
English and History.

CHARLES B. WHITE, A. M.,
Latin.

*FRED L. HUTSON, A. B.,
Greek.

WARNER W. STOCKBERGER, B. S.,
Sciences.

BUNYAN SPENCER, A. B.,
Greek.

KARL O. BURRER, B. S.,
Mathematics.

WILLIAM E. ARTER,
Assistant in Preparatory Year.

CHARLES B. WHITE,	Registrar.
WARNER W. STOCKBERGER,	Secretary.

* Absent on leave for one year.

HISTORY OF DOANE ACADEMY.

This school was organized in 1831, as a preparatory department of the Granville Literary and Theological Institution. As the latter school developed, becoming first Granville College and finally Denison University, the preparatory department remained a fundamental part of this educational plant.

In 1887, for the purpose of adding to the attractiveness of the department and of increasing its efficiency, it was made a separate school and named Granville Academy.

In 1894, the school received from Dr. William Howard Doane, of Cincinnati, the gift of a beautiful and commodious building, costing \$30,000. As an expression of gratitude for this generous gift, at their annual meeting in 1895, the board of trustees changed the name of this school to "Doane Academy."

AIMS.

It is the special aim of the Academy to bestow the best quality of instruction preparatory to College. In addition to the preparatory work, however, the curriculum has been so enlarged as to furnish to those not intending to pursue a course in College a first-class Academic education.

ADVANTAGES OF LOCATION.

The school is located at Granville, Licking County, Ohio, a village noted for the beauty of the surrounding scenery and the healthfulness of its climate, and for the intelligence and high moral character of its citizens. The quiet of the place is highly conducive to earnest study. The absence of saloons and

all places of gambling and vice makes Granville an ideal place for young people. The social atmosphere is pure and elevating and offers to young men an opportunity for the cultivation of those graces which will enable them to appear well in good society.

ROOMS FOR STUDENTS.

A portion of one of the dormitory buildings of Denison University has been set apart to the purposes of the Academy. It contains rooms for students, all of which are under the supervision of the Dean of the Academy, and subject at all times to his inspection.

The rooms are arranged in suites, each suite consisting of a study 12 by 15 feet, a bedroom 8 by 11 feet, and two small closets. Each suite is designed for two students.

The rooms, when rented to students, are in good repair, but entirely unfurnished. The occupants procure such furniture as is mutually desired, and divide the expense.

If any student prefers to room elsewhere, or if at any time he finds all the rooms in the dormitories assigned to others, he can always obtain in the village at moderate cost pleasant rooms, either furnished or unfurnished.

COURSES OF STUDY.

REGULAR COURSES.

There are three regular courses of study — the Classical, the Philosophical, and the Scientific — leading to corresponding courses in the College. Each of these courses extends through three years. The holder of a diploma of Doane Academy is admitted without matriculation fee or examination to the Freshman Class in Denison University. Although these courses have been arranged with special reference to the curricula of the University, they will be found in the main sufficient to prepare for entrance into any American College.

PREPARATORY YEAR.

It frequently happens that young men whose preparation is defective apply for admission to the Academy. To meet the demands of such cases, a year of instruction in elementary branches is prescribed.

SPECIAL STUDIES.

When the demand is sufficient to justify the formation of classes in Book-keeping and Penmanship, these subjects are taught by competent instructors.

Special English and Normal courses of study will be provided for teachers, and for those who desire to fit themselves to teach, in the common schools.

ELECTIVE STUDIES.

When the reason seems to be sufficient, students are allowed to make a judicious choice of elective

studies, but this choice is never permitted to interfere with the work of the regular classes in which such studies may be elected.

ADMISSION OF STUDENTS.

Although students are admitted at any time, they enter to the best advantage at the beginning of the Fall Term. Those who desire to enter after the school year has begun should, by correspondence with the Dean, ascertain before hand, as nearly as possible, the progress that has been made by the class which they purpose to enter.

CONDITIONS OF ADMISSION.

The requirements for admission to the Junior Class are the studies of the Preparatory year; and to advanced standing, the studies previously pursued by the class which the applicant desires to enter.

No student will be admitted who is not fitted to do well the work of the Preparatory year.

An applicant not personally known to some member of the Faculty must furnish testimonials of good character, and, if from another institution, he must present a certificate of honorable dismission.

COURSES OF INSTRUCTION.

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DENISON UNIVERSITY.

PREPARATORY YEAR.

FALL TERM.

1. *English*. — Grammar.
2. *Mathematics*. — Arithmetic.
3. *History*. — United States.

WINTER TERM.

1. *English*. — Grammar and Analysis.
2. *Mathematics*. — Arithmetic.
3. *History*. — United States.

SPRING TERM.

1. *English*. — Composition.
2. *Mathematics*. — Arithmetic.
3. *Civil Government*.

JUNIOR YEAR.

FALL TERM.

1. *Latin*. — Grammar and First Latin Book.
2. *Mathematics*. — Algebra.
3. *Science*. — Physiology.
4. *English*. — Two hours per week.

WINTER TERM.

1. *Latin*. — First Book continued.
2. *Mathematics*. — Algebra.
3. *History*. — Ancient.
4. *English*. — Two hours per week.

SPRING TERM.

1. *Latin*. — Caesar's Gallic War. Book 1. Latin Prose Composition.
2. *Mathematics*. — Algebra.
3. *History*. — English.
4. *English*. — Two hours per week.

MIDDLE YEAR.

I. CLASSICAL COURSE.

1. *Latin*.—Caesar's Gallic War and Latin Prose Composition continued.
2. *Greek*.—Grammar and First Lessons.
3. *Science*.—Elementary Physics.
1. *Latin*.—Caesar's Gallic War and Latin Prose Composition continued. Cicero's Orations against Catiline.
2. *Greek*.—First Lessons continued.
3. *English*.—Rhetoric.

II. PHILOSOPHICAL COURSE

FALL TERM.

1. *Latin*.—Caesar's Gallic War and Latin Prose Composition continued; or
Greek.—Grammar and First Lessons.
2. *History*.—Medieval and Modern.
3. *Science*.—Chemistry.

WINTER TERM.

1. *Latin*.—Caesar and Prose Composition continued. Cicero's Orations against Catiline.
Greek.—First Lessons continued.
2. *Science*.—Chemistry, 2 hrs. recitation, 2 hrs. laboratory per week; Physiology, 2 hrs. recitation, 2 hrs. laboratory per week.
3. *English*.—Rhetoric.

III. SCIENTIFIC COURSE.

1. *Latin*.—Caesar's Gallic War and Latin Prose Composition continued.
2. *History*.—Medieval and Modern.
3. *Science*.—Chemistry.
1. *Latin*.—Caesar and Latin Prose. Cicero's Orations against Catiline.
2. *Science*.—Chemistry, 2 hrs. recitation, 2 hrs. laboratory a week; Physiology, 2 hrs. recitation, 2 hrs. laboratory a week.
3. *English*.—Rhetoric.

MIDDLE YEAR — Concluded.

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DENISON UNIVERSITY.

I.
CLASSICAL COURSE.

1. *Latin*. — Cicero's Orations against Catiline, and Latin Prose Composition continued.
2. *Greek*. — Xenophon's Anabasis.
3. *English*. — Rhetoric continued.
General Exercises. — Essays and Declamations during the year.

II.
PHILOSOPHICAL COURSE
SPRING TERM.

1. *Latin*. Cicero's Orations against Catiline, and Latin Prose Composition continued; or
Greek. — Xenophon's Anabasis.
2. *Science*. — Chemistry, 2 hrs. recitation, 2 hrs. laboratory a week; Physiology, 2 hrs. recitation, 2 hrs. laboratory a week.
3. *English*. — Rhetoric continued.
General Exercises. — Essays and Declamations during the year.

III.
SCIENTIFIC COURSE.

1. *Latin*. — Cicero's Orations against Catiline, and Latin Prose Composition continued.
2. *Science*. — Chemistry, 2 hrs. recitation, 2 hrs. laboratory a week; Physiology, 2 hrs. recitation, 2 hrs. laboratory a week.
3. *English*. — Rhetoric.
General Exercises. — Essays and Declamations during the year.

SENIOR YEAR.

I. CLASSICAL COURSE.

1. *Latin*. — Vergil's *Aeneid*, Books I., II., III. Prosody and Mythology.
2. *Greek*. — Xenophon's *Anabasis* continued. Greek Prose Composition.
3. *Mathematics*. — Plane Geometry.
4. *English*. — One hour per week.

II. PHILOSOPHICAL COURSE

FALL TERM

1. *Latin*. — Vergil's *Aeneid*, Books I., II., III. Prosody and Mythology; or *Greek*. — *Anabasis* and Prose Composition; or *German*. — Grammar, Composition and Reader.
2. *Science*. — Physics.
3. *Mathematics*. — Plane Geometry.
4. *English*. — One hour per week.

III. SCIENTIFIC COURSE.

1. *Latin*. — Vergil's *Aeneid*, Books I., II., III. Prosody and Mythology; or *French*. — Grammar and Reader; or *Greek*. — Grammar and First Lessons.
2. *Science*. — Physics.
3. *Mathematics*. — Plane Geometry.
4. *English*. — One hour per week.

SENIOR YEAR - Continued.

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DENISON UNIVERSITY.

I CLASSICAL COURSE.

1. *Latin* - Vergil's *Aeneid*, Books IV., V., VI. Prose and Mythology continued.
2. *Greek* - *Anabasis* and *Composures* continued.
3. *Mathematics* - Solid and Spherical Geometry.
4. *English* - One hour per week.

II PHILOSOPHICAL COURSE.

WINTER TERM.

1. *Latin* - Vergil's *Aeneid*, Books IV., V., VI. Prose and Mythology continued.
2. *Science* - *Physics*.
3. *Mathematics* - Solid and Spherical Geometry.
4. *English* - One hour per week.

III SCIENTIFIC COURSE.

1. *Latin* - Vergil's *Aeneid*, Books IV., V., VI. Prose and Mythology ended; or
French - *Bevier's Grammar*, *Whitney's Reader*, *Dindorf's and Victor Hugo's* or
Greek - *First Lessons* continued.
2. *Science* - *Physics*.
3. *Mathematics* - Solid and Spherical Geometry.
4. *English* - One hour per week.

SENIOR YEAR — Concluded.

I. CLASSICAL COURSE

1. *Latin* — Cicero's Orations.
Poet Archias, Manilian
Law, Marcellus, Latin
Prose Composition.
2. *Greek* — Xenophon's Ana-
basis and Greek Prose
Composition continued.
3. *Mathematica*. — Algebra.
4. *English* — One hour per
week.
General Exercises. — Ora-
tions during the year.

II. PHILOSOPHICAL COURSE (During Term)

1. *Latin* — Cicero's Orations
and Prose Composition.
2. *Science* — Physics, 3 hrs.
3. *Mathematica*. — Algebra
and Geometry, 2 hrs.
4. *English* — One hour per
week.
General Exercises. — Ora-
tions during the year.

III. SCIENTIFIC COURSE

1. *Latin* — Cicero's Orations
and Prose Composition;
or
French. — Modern Prose
and Poetry; Racine's
Athalie; or
Greek. — Xenophon's Ana-
basis.
2. *Science* — Physics, 3 hrs.
3. *Mathematica*. — Algebra
and Geometry, 2 hrs.
4. *English* — One hour per
week.
General Exercises. — Ora-
tions during the year.

CLASS WORK.

REGULARITY AND PUNCTUALITY.

Every student, unless excused for special reasons, is expected to attend at least three recitations each school day. His attendance on these, and on the special or public exercises of the class or of the Academy, must be punctual.

Parents are especially urged to encourage students to be present at the opening of the term, and to remain at their work till its close. Absence from the duties of the school, whether occasioned by absence from town or by the entertainment of friends, is subversive of the highest good of the student. His pleasure, or that of his friends, should never be permitted to interfere with his daily duties.

EXAMINATIONS.

Examinations are held at the close of each term, and at intervals during the term, at the discretion of the instructor. If a student's grade for a given term in a given class falls below six-tenths of the maximum, he forfeits his right to continue as a member of the class. In determining his grade, his examination mark has half the power of the average of his term marks. Regularity in work, good conduct, spelling and diction are considered as elements in making up the student's standing.

RULES FOR EXAMINATIONS.

1. All students, whether candidates for the diploma of the Academy or not, are required to attend all examinations in the studies they pursue, unless excused by merit.

2. No student whose examination in any study is reported as "*Incomplete*," will receive credit for that study until after the examination has been completed. In case, however, the examination be not completed within one year, the unfinished study will be regarded and treated as "*Not Passed*."

3. Any student reported as passed "*Conditionally*" in any work, must remove the condition within one year from the date of the examination in which it was incurred; otherwise he shall be regarded and treated as "*Not Passed*."

4. Any student reported as "*Not Passed*" in any study will receive no credit for that study until he has again pursued it as a regular class exercise, and has passed the regular examination in the same.

5. Giving or receiving aid in any examination is deemed grossly immoral, and will be visited with severe punishment.

6. A student who is absent from examination, without consent previously obtained, must present to the Faculty a written statement of the cause of his absence; and the reason must be accepted as sufficient before he can enter his class.

7. A student who, having been absent from a regular examination in any class, applies for a special examination, or any student who takes an examination for the removal of a condition, must present to the instructor the Treasurer's receipt for the examination fee before receiving credit for such special examination.

RULES GOVERNING ABSENCES FROM CLASS EXERCISES.

I. If a student shall be absent no more than five times from any class exercise during one term, these absences shall be treated as excused.

II. The absences in excess of five shall be treated as *excused* or *unexcused*, at the discretion of the instructor.

III. Five unexcused absences acquired in one term, or twenty amassed in different terms, will place the student subject to discipline by the Faculty of the University.

IV. When a student has been absent more than five times from any class, if these absences have been consecutive, he shall be required to pass an examination upon the part of

the work covered by the period of absences; if the absences have occurred at different periods during the term, the examination shall be upon such part of the work of the term as the instructor shall determine. The student's standing for the period of absences shall be determined by this examination.

V. These examinations shall not be considered special examinations.

VI. Every student who shall have been present at every recitation of a class during the term shall have his three lowest marks in that class changed into that mark above 60 of which he has the greatest number.

REPORTS.

At the close of each term of study the Secretary of the Faculty mails to the parent or guardian of each student in the Academy a report of the standing attained by such student in each study pursued during the term, together with a record of his absences and deportment.

Reports concerning individual students will also be furnished by the Dean at any time during the term upon the request of the parent or guardian.

PRIZES.

IRVING-CICERO LITERARY PRIZE CONTEST

For several years a spirited and friendly rivalry has existed between the two literary societies of the Academy. As a result of this the societies held for several years a public literary contest with no reward in view except that of the honor of being victor.

To stimulate this desire for honor and encourage faithful work in the societies, the faculty of the University adopted the following resolutions:

1. That the contest be held during the Winter term of each year.

2. That the winner of the contest in Declamation be granted a scholarship for the Spring Term of the current school year.

3. That the winner of the contest in Essay be granted a scholarship for the Fall Term of the next school year.

4. That the winner of the contest in Oration be awarded a scholarship during the Spring and Fall Terms next after the term in which the contest takes place.

5. That the winner of the debate receive a scholarship for three successive terms, beginning with the term next after that in which the contest occurs.

SHERWIN SCHOLARSHIP PRIZES.

H. A. Sherwin, Esq., of Cleveland, has established in the Academy a first and second prize of \$50 and \$25, respectively. These prizes are unique in their terms. The conditions of award are changed every year, and are announced only at the close of the year. Excellence in general scholarship with personal merit, excellence in Greek, excellence in Latin, and acquaintance with matters of current interest have been made the basis of award in different years since the prizes were established.

ATHLETIC PRIZES.

A number of prizes are awarded for excellence in certain athletic exercises of the Field Day of Denison University. For all these prizes members of the Academy are permitted to compete, and several of them are each year won by Academy students.

GRADUATION APPOINTMENTS.

THE HONOR MEN.

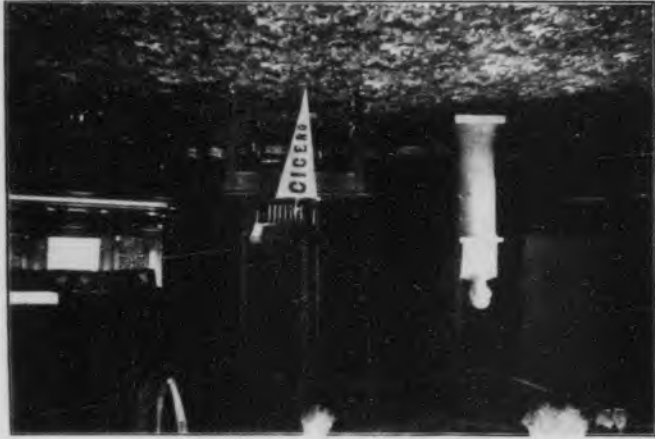
The member of the graduating class whose average standing during the Middle Year and the Fall and Winter Terms of the Senior Year is highest, is the last speaker on the programme of Graduation Day, and is called the Valedictorian. To the member of the class whose rank is next highest, is given the first place in the programme with the title of Salutatorian. No student who has not recited with the classes of the Academy in at least twelve full studies during these five terms of school, can receive either of these appointments.

OTHER SPEAKERS.

Every student who is eligible to the Diploma of the Academy writes an oration, and, having signed it with a fictitious name, hands it to the Dean of the Academy before April 15. The orations thus prepared are read to a committee whose members are ignorant of the authorship of the productions, and those four that are considered best are selected as the orations to be presented at the graduating exercises of the Academy.



Commonwealth Security Hall



EXPENSES.

The following is a summary of the principal necessary expenses during the Academic year:

TUITION	\$34 00
Divided as follows: Fall Term, \$13; Winter and Spring Terms, \$10.50 each	
ROOM RENT. — Fall Term, \$4; Winter and Spring Terms, \$3 each	10 00
INCIDENTALS. — Fall Term, \$3; Winter, \$2.50; Spring, \$2.50	8 00
Gymnasium fee	1 00
Fuel and lights	15 00
Books	12 00
BOARD. — 39 weeks at \$2 per week	78 00
Washing	12 00
Smutries	6 00
Total for a year	\$176 00

The Laboratory fee for students in *Chemistry* is \$3.00 a term; in *Physics*, \$1.00 a term.

The fee for Diploma at Graduation is two dollars.

Fee for late registration, 50c on second day of the term and \$1.00 after second day.

A fee of \$2 is charged for each special examination.

Board in clubs costs from \$2.10 to \$2.50 per week; in families, \$3 to \$3.50. When board costs over \$2 per week, the excess must be added to the estimate given above. Many students reduce their expenses below that sum.

All term bills are to be paid, or satisfactory security or their payment lodged with the Treasurer, at beginning of each term, before students take their

places in their classes. No charge for tuition, room rent, or incidentals will be for less than half a term.

Text-books and stationery can be obtained at the Denton Book Exchange or in the village.

The really necessary expenses of a student for a year, exclusive of clothing and traveling, range from \$175 to \$250.

MISCELLANEOUS.

GOVERNMENT.

It is the desire to establish and maintain a relation of confidence between teacher and pupil, and to stimulate those sentiments which mature into Christiad manhood. Students are encouraged in self-government, and to this end the greatest possible freedom is accorded them; but they are continually taught the difference between liberty and license, the duty of practicing that self-denial which is necessary to the highest good both of themselves and of their fellows. While it is the aim of this school to do all the good possible to every student, it is in no sense a reform school, and no student whose influence is found to be injurious will be suffered to remain.

No student of the Academy is allowed to be absent from town, except upon permission previously obtained from the Dean.

Indulgence in profanity, card playing, the use of intoxicating liquors or tobacco, or visiting any place of questionable character, renders the student liable to suspension.

MORAL AND RELIGIOUS INFLUENCES.

The whole life and administration of the school, without being sectarian, are pronounced and positive in favor of the Christian religion. The exercises of each day begin with Scripture reading and prayer in the Chapel. This service the students are required to attend. They are also required to attend Church twice each Sunday. Two regular weekly prayer meetings are sustained by the students. Members of the Academy are made welcome in the various Sunday Schools of the village. In the Baptist Sunday School, several classes, taught by College and Academy Instructors, are intended expressly for students.

SCHOLARSHIPS.

By a vote of the Board of Trustees, the President of Denison University may remit the tuition of a limited number of students in cases of necessity. A few scholarships, surrendered by the original purchasers, are under the control of the Faculty, and are assigned by them at the beginning of each year.

VOLUNTARY SOCIETIES.

There are connected with the Academy and conducted by the students, two literary societies—the Ciceronian and the Irving. Each society has its own hall, which is neatly and tastefully furnished, and in which it holds weekly meetings.

The students of the Academy are also admitted to membership in the Denison University branch of the College Y. M. C. A., in the Scientific Association and in the Athletic Association of Denison University.

PUBLIC EXERCISES.

During the year the Literary Societies each hold three special public meetings—an "extra" at about the time of the Thanksgiving recess, an "Annual" near the end of the Winter Term, and a "Commencement" toward the close of the year. The graduating exercises of the Academy are held during the Commencement week of Denison University. Members of the class completing the work of the Academy participate in the programme. The diploma of the Academy is given to each student who completes in a satisfactory manner any of the regular courses of study.

DISMISSION.

No student who leaves the school before the close of a term will be considered as having honorably severed his connection with the Academy unless he has been duly dismissed by the Dean.

Any further information may be obtained by communication with the Dean of the Academy.

**SCHEDULE OF RECITATIONS.
FALL TERM.**

Class.	7:00	9:00	10:00	11:00	1:20	2:40
Preparatory	Arithmetic		Geometry			U. S. Hist.
Junior	Latin I	Algebra	(Latin II)		Physiology	English
Middle	Phonics		Greek I	(Greek II)		Latin
Sc. & Ph.		Chemistry	Maths. & Mod. Hist.			Latin
Senior	Cl.	Latin	Geometry	English	(French)	Greek
	Ph.	(Latin)	Geometry I	English	(German)	(Geometry II)
	Sc.	Physics	Geometry	English		(Geometry II)

WINTER TERM.

Preparatory	Arithmetic		Geometry			U. S. History
Junior	Latin I	Ancient History		Algebra	Latin II	English
Middle	Greek I		(Greek II)	Rhetoric		Latin
Sc. & Ph.	Chemistry (I)	Physiology I		Rhetoric		Latin
Senior	Cl.	English	Geometry I		Greek	(Geometry II)
	Ph.	English	Geometry I		Physics	(Geometry II)
	Sc.	English	Geometry I	(French)	Physics	(Geometry II)
		(Latin)		(German)		

SPRING TERM.

Preparatory	Arithmetic		Geometry			U. S. History
Junior	Latin I	English History		Algebra	English	(Latin II)
Middle	Greek I		Greek II	Rhetoric	Latin	
Sc. & Ph.		Physiology (I)	Chemistry (I)	Rhetoric	Latin	
Senior	Cl.		Algebra	Latin	Greek	English
	Ph.		Algebra	Latin		English
	Sc.	(French)	Algebra	Latin		English
		(German)				

AWARDS IN 1902.

COMMENCEMENT SPEAKERS.

SCHOLARSHIP.

First Honor, Valedictorian, : HARRY CLIFTON RANSOWER.

Second Honor, Salutatorian : JOHN TILDEN LATTA.

COMPETITIVE ORATIONS.

JAMES FRANK WHALLON, WALTER CURTIN HUMPTON,

JOHN ERNEST LOYD.

IRVING-CICERO CONTEST.

Declaration, JOSEPH HOWELL LLOYD, IRVING.

Essay, ROBERT WILLIAM LUSE, IRVING.

Oration, HOWARD LEROY BETHEL, CICERO.

Debate, BERTRAM ALEXANDER MITCHELL, IRVING.

SHERWIN PRIZES.

First Prize, Fifty Dollars : GUY CARLTON CRIPPEN.

Second Prize, Twenty-five Dollars : FRANK C. ONSTOTT.

DIPLOMAS GRANTED JUNE, 1902.

HOMER OSGOOD CARSON, Sc.,	HARRY CLIFTON RANSOWER,
CHARLES KING CHAPMAN, Sc.,	
CL.,	DANIEL FRANKLIN RITTEN-
HARVEY HALL, Sc.,	HOUSE, CL.
JOHN HUGHES HISLOP, Sc.,	HENRY JOHN SKIFF, CL.
GEORGE ELROY HOWELL, Sc.,	FRED MARTIN TIDD, CL.
WALTER CURTIS HUMPTON,	ROBERT CLAY VAN VOORHIS,
Sc.,	CL.
JAMES RUSSELL JENNESS, Sc.,	JAMES FRANK WHALLON, CL.
ALBERT BREWER LANDRUM,	CHARLES HOWARD WILLIAMS,
Sc.,	Sc.,
JOHN TILDEN LATTI, CL.	PERRY DANIEL WOODS CL.
JOHN ERNEST LOYD, Sc.,	WILLIAM BOUTON WRIGHT.
ARTHUR STANTON MYERS,	Sc.,
Ph.,	ROBERT MORRIS WYLIE, CL.
FRANK CURTIS ONSTOTT, CL.	

STUDENTS IN DOANE ACADEMY.

SENIOR CLASS.

WILLIAM EDWARD ARTER, Sc.	Kemron.
GORDON CLARK BECK, Sc.	Bethel.
HOWARD LEROY BETHEL, Ph.	Holloway.
FREEMAN EARL BOLLINGER, Sc.	St. Paris.
LOUIS HENRY BURE, Cl.	Toledo.
RAY ELLEWORTH CARMAN, Cl.	Granville.
EMERSON SCHLONKER CLEM, Sc.	St. Paris.
DAVID DALE CONBIT, Sc.	Jersey.
MITCHELL SAMUEL CORBETT, Sc.	Newcomerstown.
ERNEST CORNELL, Sc.	Alexandria.
FRANK HERBERT COX, Sc.	Macksburg.
GUY CARLTON CRIPPEN, Cl.	Granville.
ALBERT BLAINE CULBERTSON, Sc.	Newcomerstown.
EDWARD ROLAND DAVIS, Sc.	Massillon.
STEPHEN AUGUSTUS DOUGLASS, Sc.	Mansfield.
WILLIAM HENRY FOWLE, Cl.	Milwaukee, Wis.
STUART WILSON GOLDSBOROUGH, Cl.	Newark.
PHILIP HAINES GORDWIN, Sc.	Bethel.
ROBERT HILL, Cl.	Chatham.
ALBERT BARROWS JONES, Sc.	Newark.
DON CLYDE KITE, Cl.	Granville.
WILLIAM CLARENCE LACEY, Sc.	Hanover.
FRANKLIN GIBBERSON LARCE, Sc.	Indaystown, N. J.
WILLIAM HERBERT LUSE, Sc.	Clifton.
ROBERT WILLIAM LUSE, Sc.	Sharon, Pa.
WILBUR FRANKLIN MAXWELL, Cl.	Newark.
CALVIN EARL McMILLER, Ph.	Fletcher.
GUY HALL ORCUTT, Sc.	Granville.
JESSE JOSIAH RUNYAN, Cl.	Cincinnati.
QUINCY LOCKE SANDERS, Sc.	Londonville.
HARRY SMITH SPENCER, Sc.	New Straitsville.
WILLIAM GEAR SPENCER, Sc.	Granville.
GEORGE WASHINGTON WYMER, Cl.	Ironton.
ELMER BENJAMIN YALE, Ph.	Waynesfield.

MIDDLE CLASS.

FRANK ASHMORE,	Granville
CAMBRIDGE GRAHAM BECKEL,	Granville.
RAYMOND AUGUSTUS BELT,	Granville
HOMER CURTIS BROWN,	Clay Lick.
RICHARD FLOYD BUCKLAND,	Granville.
MORRIS WENTWORTH CANNON,	Chicago, Ill.
CLYDE COLBY,	Madison.
RAYMOND CLYDE DITTO,	Delphos.
DUGALD FLOYD GODFREY,	Cedar Mills.
PHILIP GOBLE HAINES,	Payette, Id.
PEARL HILTON HUGHES,	Portsmouth.
HAROLD CLIFFORD JOHNSON,	Mt. Vernon.
ROMEO ARTHUR JOHNSON,	Newark.
ALBY KITE,	Millersstown.
JOSEPH HOWELL LLOYD,	Youngstown.
JAMES C. LOUGHRIDGE,	Granville.
CHARLES MANLY MEARS,	Johnstown.
FRANCIS WAYLAND MORLEY,	Sandusky.
WILLIAM ALEXANDER PAYNE,	Renfville.
LYMAN WRIGHT ROGERS,	Chicago, Ill.
FRED DANIEL ROGERS,	Granville.
WILLIAM MORRIS SMITH,	Granville.
EDWARD ASA TYLEE,	Alexandria.
VORA SAMUEL WARNER,	Granville.
BRUCE TORRENCE WORK,	Granville.

JUNIOR CLASS.

EARL RANKIN BULL,	Dayton.
CHARLES AUGUSTINE CARMAN,	Granville.
THEODORE GEORGE ERLER,	Toledo.
EDGAR GARFIELD HARNER,	Philadelphia, Pa.
HORACE HOLMES HUNT,	Granville.
JAMES FRANKLIN McDONNELL,	Postboy.
JOHN LADIS OLSEN	Chicago, Ill.
CHARLES AUSTIN PURINTON,	Conneville, Pa.
DAVID CLAYTON RAILSBACK,	Granville.
MONTRAL GOBLE SHAW,	Nice.
HARRY ARTHUR SHIPLEY,	Johnstown.

JUNIOR CLASS — Concluded.

WILLIAM HARLEY SMITH,	Mansfield.
CHARLES HEDGES STARRETT,	Muskeville.
EDWARD ANDREW SWEETEN,	Boston, Mass.
ROBERT WALTER TAYLOR,	Toledo.
GEORGE DWIGHT UPSON,	Newark.
ELMER MILLER VANCE,	Hillsboro.
HARRY HOMEK WILLIS,	Crooked Tree.

INTRODUCTORY YEAR.

NEWTON HANSCOMB CARMAN,	Granville.
HALBERT MELVIN HAZEN,	Negley.
PERCEY OLIVER ORT,	Newcomerstown.
HARRY BENNETT TAMBLYN,	Cleveland.

ELECTIVES.

CLAUDE EDWARD BOYER,	Joliet, Ill.
FRED REXFORD BURNSIDE,	Alexandria.
BOYD BLAINE CHAMBERS,	Huntington, W. Va.
OWEN ARTIE CHARLES,	Maxville.
JOHN GARDINER CROSS,	Narragansett Pier, R. I.
WILLIAM ANDERS EVANS,	Cambridge.
JOHN WALLACE FULLER,	Columbus.
JAMES FRANKLIN GALLAGHER,	Franklin.
MOSE SIMPSON GRIFFITH,	Batavia.
W. N. GRIMMELL,	Cleveland.
LEE EVERETT GUTHRIE,	Newark.
BURNS DENT HEMSTED,	Johnstown.
ARTHUR HANDLEY HIXSON,	Newark.
LAWRENCE CLIFTON IRWIN,	Alexandria.
CLARENCE FULTON JONES,	Chicago, Ill.
HOWARD LERSCH,	Elyria.
WILLIAM GIBBEN LEWIS,	Toledo.
CHARLES FRANKLIN MATHEWS,	Richwood.
HAROLD CHESNEY McCALL,	Hebron.
WALTER CHARLES METZ,	Newark.
HOMER BRADLEY MILLER,	Bellevue.
BERTRAM ALEXANDER MITCHELL,	Granville.

ELECTIVES — Concluded.

PAUL DUNCAN MITCHELL,	Newark.
ALBERT KING MORRIS,	Middletown.
CHARLES BORTON NICKELS,	Toledo.
RICHARD JOHN OWEN,	Newark.
THOMAS PHILLIPS,	Niles.
JOHN CLINTON PRIOR,	Granville.
CHARLES PROSE,	West Jefferson.
RALPH WILLIS QUICK,	Ft. Collins, Colo.
EDWIN COXE ROBERTS,	Granville.
FRED RUSSELL RUMMELL,	Mansfield.
LEVY LEE SHEPHERD,	Cincinnati.
BENJAMIN ANTHONY SHERWIN,	Granville.
CHARLES WILLIAM SHINN,	Flora, Ill.
HARRY N. SHUTTS,	Granville.
ASHBEL FAIRCHILD SIMPSON,	Hopwood.
JOHN CRISWELL SWARTZ,	Granville.
RAYMOND HULTS TRACEY,	Hubbard.
GROVER CLEVELAND TUSSING,	Brice.
TOGOYUKI WATANABE,	Formosa, Japan.
ROY LESLIE WELLS,	Alexandria.
FREDERICK FLEEK WRIGHT,	Newark.

IV. CONSERVATORY OF MUSIC.

BOARD OF CONTROL.

EMORY W. HUNT. HARRIET MARIA BARKER.
SUSAN MAXWELL MOORE.

FACULTY.

SUSAN MAXWELL MOORE,

DEAN,

Pianoforte, Ensemble Classes.

JENNIE ELIZABETH BLINN,

Voice, Counterpoint.

ARTHUR L. JUDSON,

*Professor of the Violin, Harmony, Orchestra, Form,
History.*

FREDERICK E. CLUFF,

Pipe Organ and Piano.

EDNA STRANATHAN,

Assistant in Voice, Ensemble Classes, Theory.

DEPARTMENTS OF INSTRUCTION.

- I. Course in Piano.
- II. Course in Voice Culture.
- III. Course in Violin.
- IV. Course in Organ.
- V. Course in Theory: a. Theory and Elementary Harmony. b. Advanced Harmony. c. Counterpoint. d. History of Music. e. Analysis of Form.
- VI. Ensemble Classes. a. Chorus. b. Orchestra. c. Piano. d. String Quartette. e. Glee Club. f. Sight-reading Class. g. Mandolin Club.

I. COURSE IN PIANO.

This course embraces five grades, extending from a well organized juvenile department (the teachers of which have made special preparation for this branch of the work), to pupils capable of pursuing advanced work.

It is a difficult matter to specify a set course adapted to the needs of all pupils, so it has seemed best to suit the work to individual requirements. Such a course includes:

- I. Technical exercises, intended to give control of the muscles of fingers, hands and arms.

II. Etudes by best composers, both of classical and modern school, designed further to develop powers of execution.

II. VOICE.

True cultivation of the voice involves the study of the control of the entire human body. Wrong voice production is the result of wrong mental and muscular action.

Special attention, therefore, is given to correct standing position, perfect control of breath, freedom of throat, agreeable facial expression, and distinct enunciation. It is intended to follow closely the ways of the great English masters, who combine the best elements of the old Italian school (represented by Lamperti) with certain ideas belonging to the German school.

The teachers in this department aim to give the pupils a foundation training, which will preserve the voice, and strengthen the throat, as well as attain the great end—the making of beautiful tones.

III. VIOLIN.

Realizing the comparative inefficiency of a prescribed course of study in the Violin Department for pupils whose ability and temperament must differ widely, the last three grades of the course have been omitted, the work done being left to the discretion of the teacher. The course will consist of five grades requiring at least four years to complete. The needs of all beginners being similar, the first three grades are studied as follows:

FIRST GRADE.

Mazas, Violin School.
Wohlphart, Op. 45 Book I.
Kayser, Op. 20, Book I.
Meerts, 12 Elementary Studies.

SECOND GRADE.

Wohlphart, Op. 45, Book II.
Dont, Op. 38.
Kayser, Op. 20, Book II.
Dancla, Op. 68.

THIRD GRADE.

Mazas, Op. 30, Suite I.
Kayser, Op. 20, Book III.
Kreutzer Etudes (first half).

The studies for the next two grades will be selected according to the needs of the pupil, from the following works:

Kreutzer Etudes (last half).
Mazas, Op. 36, Book II.
Alard, Op. 41, Suites I and II.
Rode, 24 Caprices.
Schraderich, Technical Studies.
Bendix, Scale Studies.
Fiorillo, 36 Caprices.
Campagnoli, Seven Positions.
Dancla, Op. 73.
Leonard, "La Gymnastique du Violiniste."
Ronelli, Etudes.
Concertos, De Beriot, 7, 9.
Ballet Fantasia, Viotti, 22, 23.

Bazzini, Militaire; Vieuxtemps, Ballade and Polonaise.

Sonatas, Corelli, Handel, Nardini, Mozart, Grieg, Op. 8, 45.

IV. COURSE IN ORGAN.

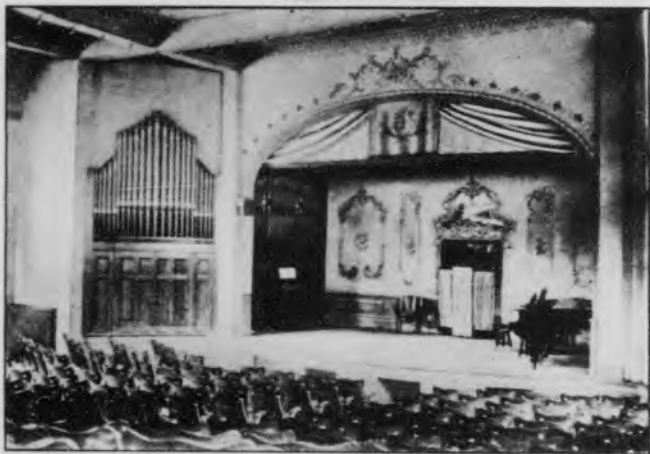
Through the generosity of Doctor W. H. Doane of Cincinnati, a beautiful Hook and Hastings Organ was installed in the Recital Hall during the summer of '02, so that instruction is now offered upon this instrument.

The course in Organ will follow that of the best teachers in the large cities, but adapted to the needs of the individual pupil. Selections of studies will be made from the works of Rinck, Lemmens, Whiting, Dummham, Foote and Whitney, for the purpose of acquiring a good manual and pedal technique and thorough knowledge of registration. The organ works of J. S. Bach, Mendelssohn, Guilmaut and Lemaigre will also be studied, and selections made from the works of the best English and American composers.

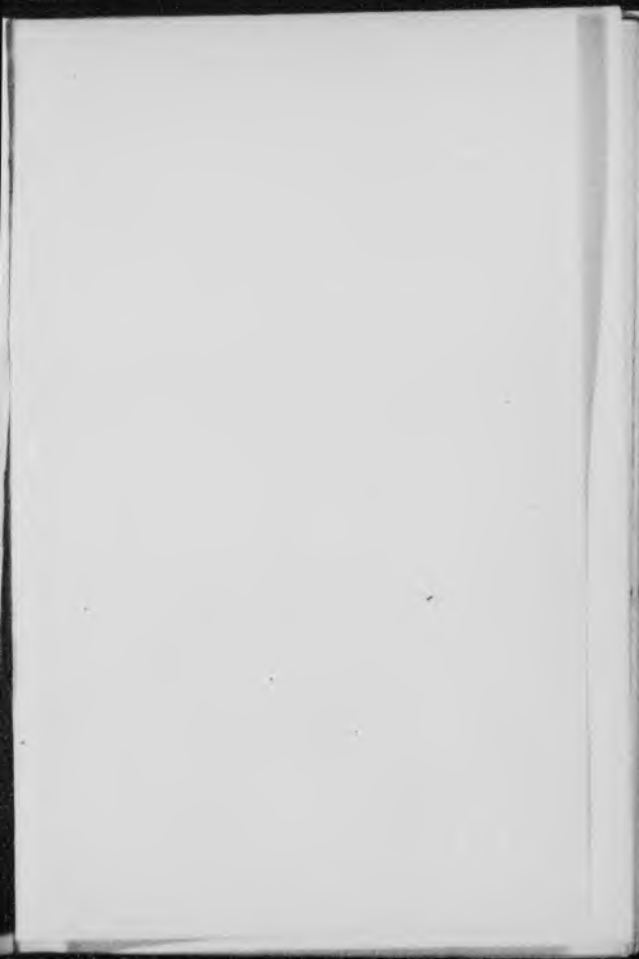
The aim of the course will be to make the instruction thoroughly practical, in order that the student may be capable of filling a church position, after completing the course. To this end, extensive experience in playing hymns, accompaniments of anthems, solos, etc., will be required, and hints given as to their proper rendering, so that one will become familiar with everything that an organist is expected to understand.

A class in Church Music will be maintained, where a good opportunity will be offered to acquire experience in playing a complete church service before the class with hints in choir directing.





RECTORIAL HALL. THE DOANE ORGAN



Correction. The matter on this page should follow the course in Advanced Harmony, page 143.

(c) COUNTERPOINT.

FIRST TERM.

Equal and unequal counterpoint, in four parts.

SECOND TERM.

Equal and unequal counterpoint in two and three parts.

THIRD TERM.

Double and triple counterpoint.

(d) HISTORY OF MUSIC.

This course deals with the origin and development of Instruments, Notation and Form from a historical standpoint. It comprises weekly lectures, extending through three terms, a definite course of reading, essays by the pupils, and a series of historical recitals illustrating the lectures. A carefully selected library of books of history, biography and reference furnishes ample material for the pupils' reading.

(e) ANALYSIS OF FORM.

The work in this class will supplement that of the history class and will be open to those who have finished that work, or have given satisfactory proof that they possess the necessary musical knowledge. There will be weekly recitals alternating with lectures, historical and explanatory, and the performance and exposition of some acknowledged masterpiece of the form under discussion. This course is especially designed to enable its students to become intelligent hearers and critics of good music. The Canon, Fugue, Sonata, Symphony, Song, Opera and many of the smaller forms will be studied.

V. COURSE IN THEORY.**a. THEORY AND ELEMENTARY HARMONY.**

FIRST TERM.

Acoustics, musical terms, notation.

SECOND TERM.

Scale formations. Intervals.

THIRD TERM.

Triads, chords of dominant seventh, connection and inversion.

b. ADVANCED HARMONY.

FIRST TERM.

Secondary seventh chord, chromatic changes, modulations.

SECOND TERM.

Modulations (original), with drill in writing and playing. Suspensions.

THIRD TERM.

Part writing in score, C clef. Chants and chorals. Original chord writing.

Text-books: Emery's Elements, and Chadwick's Harmony.

VI. ENSEMBLE CLASSES.**a. Chorus.**

The choral society is open to all who are prepared for this work. It is under efficient direction, and furnishes an opportunity for studying the best choral compositions.

b. Orchestra.

An opportunity will be given to those sufficiently advanced in the use of orchestral instruments to play

in an orchestra of twenty-five pieces. The orchestra, now in its fourth year, has made such advancement that it already occupies a prominent place in the work of the Conservatory. Symphonies, overtures, orchestral accompaniments and smaller pieces, classical and modern, will be studied during the course of the year.

c. *Piano.*

All piano pupils of sufficient advancement are expected to do work in ensemble classes, duet and quartette. This work is especially designed to give independence in sight reading and familiarize the pupils with standard compositions.

d. *String Quartette.*

Two string quartettes (two violins, viola and cello) are maintained for the purpose of affording pupils in violin department practice in ensemble work.

e. *Denison University Glee Club.*

This organization has proven so successful during the past two years that its permanency is an assured fact. It consists of sixteen male voices picked from the best material in the school. It is customary to fill many important outside engagements during the school year, the number filled growing larger each year. The Club is under the direction of Mr. Judson.

f. *Sight-reading Class.*

A class in sight-reading and ear-training is open to voice pupils.

g. *Denison University Mandolin and Guitar Club.*

This Club has been but recently formed and has a membership of twenty. It is essentially popular in character and studies many of the best imported compositions. It will accompany the Glee Club in its

trips besides filling dates of its own. Mr. Judson is director.

REQUIREMENTS FOR GRADUATION.

Diplomas will be granted to students who have pursued the course of study prescribed for their special department, and have given evidence of requisite musical ability. This diploma will be granted only to those who display artistic ability in public performance. To students completing prescribed work but not desiring to make a specialty of public performance a certificate stating the amount and character of the work done will be given.

Theoretical work required in all departments is: Theory and Elementary Harmony, three terms. Advanced Harmony, three terms. Counterpoint, three terms. History of Music, three terms. Analysis of Form, two terms. In voice and violin departments pupils will be required to pursue the study of piano sufficiently (three terms as a minimum), to enable them to read easy accompaniments at sight.

In addition to the work required in the Conservatory, candidates for graduation will be required to complete the following academic studies: One year of Modern Language; English and Mathematics corresponding to entrance requirements for Denison University.

The presentation of satisfactory evidence that this work has been completed elsewhere, will be accepted upon same terms as in Denison University.

NOTICE.—Classes in Theory are open to all pupils free of charge. The Ensemble Classes, Practice Clavier and Sight-reading class are free advantages.

VISITING ARTISTS.

William H. Sherwood, *Pianist*.Madame Corinne Moore Lawson, *Soprano*.Oley Speaks, *Basso*.

Spiering String Quartette, Chicago.

Philharmonic String Quartette, Cleveland.

Miss Rosa L. Kerr, *Pianist*.Leroy McMakin, *Violinist*. (Cincinnati Conservatory.)

EXPENSES BY TERMS.

FALL TERM — 14 Weeks.

Pianoforte, voice, violin, organ; private half-hour lessons twice a week	\$16 00
Pianoforte, voice, violin, organ; private half-hour lessons once a week	8 00
Harmony; class lesson three hours a week	5 00
History of Music	2 00
Musical Form	2 00
Rent of piano per hour	05
Rent of Music	50
Fee for use of Library	1 00
Children's lessons; two hours a week in classes	2 50
Choral Society initiation fee; not required from voice pupils	1 00
Choral Society term dues	25

WINTER TERM — 12 Weeks.

Pianoforte, voice, violin, organ; private half-hour lessons twice a week	\$14 00
Pianoforte, voice, violin, organ; private half-hour once a week	7 00
Harmony; class lessons three hours per week	4 00
Other expenses as in Fall Term	

SPRING TERM — 10 Weeks.

Pianoforte, voice, violin, organ; private half-hour lessons twice a week	\$12 00
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Pianoforte, voice, violin, organ, private half-hour lessons once a week	6 00
Harmony, class lessons three hours per week	3 00
Elementary Harmony	1 00
Other expenses as in Fall Term	

NOTICE — The Ensemble Classes and the practice on the Clavier are free advantages to piano pupils.

GENERAL INFORMATION.

Students may enter at any time, but cannot register for less than a half term.

All students are under obligation to perform at the regular examinations and recitals, according to the discretion of the teacher, and are not allowed to perform in public without the consent of the instructor.

The circulating library furnishes all necessary music for students.

The length of the course depends upon the native talent and the perseverance of the student.

Artists' recitals take place during the school year, which pupils are enabled to attend by payment of a small fee.

Pupils' recitals occur semi-monthly. All music students are expected to be present.

Public recitals are given at close of Fall and Spring terms.

Pupils desiring to enter the Senior Class in Piano will be expected to have satisfactorily completed the work preparatory to the fifth grade. If the preliminary work in any special department and the required theoretical work shall have been done elsewhere than in the Conservatory an examination on such work will be given at the beginning of the Senior year. All members of the Senior class will be expected to take part in at least three recitals during the Senior year, in addition to final performance at the Commencement Concert.

REQUIREMENTS FOR GRADUATION AND TUITION FEES.

	First Year.	Second Year.	Third Year.	Fourth Year.	
Piano.	Theory 2. Piano 2. \$42.	Harmony 2. Piano 2. \$54.	Counterpoint 2. History of Music 2. Piano 2. \$60.	Musical Form 2. Piano 2 ($\frac{1}{4}$). \$35.50	\$100.00
Voice.	Theory 2. Piano 2 ($\frac{1}{2}$). Voice 2. \$64.	Harmony. Voice 2. \$54.	Counterpoint 2. History of Music 2. Voice 2. \$60.	Musical Form 2. Voice 2. \$46.	\$74.
Violin.	Theory 2. Piano 2 ($\frac{1}{2}$). Violin 2. \$64.	Harmony 2. Violin 2. \$54.	Counterpoint 2. History of Music 2. Violin 2. \$60.	Musical Form 2. Violin 2. \$46.	\$74.
Organ.	Theory 2. Piano 2. \$42.	Harmony 2. Organ 2. \$54.	Counterpoint 2. History of Music 2. Organ 2. \$60.	Musical Form 2. Organ 2 ($\frac{1}{4}$). \$35.50.	\$100.00

Numbers after subjects indicate number of terms; in parentheses, indicate fraction of time when less than full time may be taken; in left lower corner, tuition for the year, and at the end of course tuition for the entire four years. This covers only tuition; incidentals, library fees, piano and organ rental, and graduation fees extra.

STUDENTS IN CONSERVATORY OF MUSIC.

SENIORS.

PIANO.

LISTA ALICE GEIL.	Maxville.
ESTELLE MAE KING.	King's Mills.

VOICE.

LISTA ALICE GEIL.	Maxville.
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VIOLIN.

FRANK BELFORD AMOS.	Cambridge.
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UNCLASSIFIED.

ALICE ADKINS.	Granville.
NELLIE F. BARR.	Pleasantville.
LOUISE F. BOND.	Chicago, Ill.
JULIA M. BONE.	Newark.
DELLAH BLANCHE BOWMAN.	Maxville.
MARY MARGARET BROTHERTON.	Delphos.
HONOR LOUISE BUCKLAND.	Granville.
FRED A. BURNETT.	Gambier.
MABEL ALICE BUTTERFIELD.	Granville.
ETHEL INEZ BUXTON.	Homer.
JOY CARMAN.	Granville.
RAY CARMAN.	Granville.
CLARISSA CARROLL.	Alexandria.
ANNA MAUD CHAMBERS.	Cumberland.
IRENE M. CHAMBERS.	Amanda.
ALLIETTE MARGARET CHRYSLER.	Gettysville.
PAUL CLEVELAND.	Mt. Gilead.
EMILY KEER COLWELL.	Granville.
BEULAH ACHES CONDET.	Jersey.
DANIEL DORGE CONDET.	Jersey.
BETTY DUNKIN CORPENNING.	Lumberport, W. Va.
SARAH BELLE COX.	Macksburg.

UNCLASSIFIED — Continued.

HELEN M. CRANE,	Newark.
GRACE V. CRAWFORD,	Andrews.
GUY CARLETON CRIPPEN,	Granville.
JOHN GARDINER CROSS,	Narragansett Pier, R. I.
VIVA KELSO DICKERSON,	Jersey.
RUTH ANNA DRAKE,	Piqua.
LORETTA FRANCES EAGLESON,	Granville.
NELLIE EVANS,	Granville.
SYLVIA E. EVANS,	Johnstown.
PEARL CYNTHIA FERGUSON,	Granville.
VINTON ERNEST FIELD,	Fort Wayne, Ind.
SARAH ADELINE FLEMING,	Browning, Mo.
GEORGINA V. A. FRANCIS,	Newark.
LOBA FRY,	Woodsfield.
ABBY O. GEACH,	Granville.
MAMIE R. GEACH,	Granville.
HELEN J. GRAFF,	Newark.
JESSIE G. GREENE,	Pataaskala.
MARY CROSSLEY HALL,	Newark.
MARTHA GRACE HARFORD,	Granville.
MRS. CLAUDE HAZEN,	Granville.
GRACE ABELLA HENDERSON,	Smithfield.
ELSIE HIRSCHBERG,	Newark.
ROSALIE ST. CLAIR HISEY,	Dayton.
FAYE HULSHIZER,	Granville.
STELLA MAY HUMBERT,	Howard.
HARRIET O. HUNT,	Granville.
HORACE HOLMES HUNT,	Granville.
HELEN K. HUNT,	Granville.
MILDRED HUNT,	Granville.
FRANCES DALE JOHNSON,	Parkersburg, W. Va.
ELMER MAURICE JONES,	Alexandria.
EDITH TERESSA JONES,	Canton.
RACHEL BERNICE JONES,	Granville.
BLANCHE KINCK,	Kirkersville.
WILLIAM G. LEWIS,	Toledo.
MRS. MARTHA J. LLOYD,	Granville.

UNCLASSIFIED — Continued.

FLOSSIE LUDY,	Zanesville.
BERTHA MAE McDONALD,	Dresden.
GEORGIA MARDIS,	Granville.
FLORENCE SAREPTA MARSH,	Granville.
LENA C. McCALL,	Hebron.
ABIGAIL H. McCOLLUM,	Cambridge.
MARGARET McKIBBEN,	Granville.
MARY L. McKIBBEN,	Granville.
PAUL STILLWELL McKIBBEN,	Granville.
LILLIAN MEGGINSON,	Grand Rapids.
BERTHA JONA MILES,	Johnstown.
MARY BELLE NEWTON,	Bowling Green.
GRACE LILLIAN NICHOLS,	Bedford.
FLORENCE MARY NICKELS,	Toledo.
ESTHER CHRISTINE NIXON,	Granville.
HAZEL RUTH PATTON,	Homer.
ARTHUR NOYES PICKHAM,	Kingston, R. I.
THOMAS PHILLIPS,	Wilkesbarre, Pa.
DONALD HURSTED POWERS,	Norwalk.
EDWIN COXE ROBERTS,	Granville.
HAITIE ANTOINETTE ROGERS,	Granville.
JULIA IRENE ROGERS,	Granville.
EDNA A. RUGG,	Outville.
LENA RUGG,	Ourville.
CATHERINE SEDGWICK,	Granville.
MARY SHARER,	Newark.
ALTA SHERK,	Ohlong, Ill.
JOHN WHITCOMB SHEPARDSON,	Chicago, Ill.
GRACE ADA SIDDERY,	Urbana.
MRS. A. H. Sisson,	Newark.
HENRY JOHN SKIFF,	Pittsburg, Pa.
SHIRLEY SLACE,	Granville.
MARTHA J. SMOLTS,	Cleveland.
GWLADYS SPENCER,	Granville.
ABIGAIL SPIER,	Granville.
ELLA GRACE STANTON,	Newark.
GRACE E. STENGER,	Granville.
MRS. ARTHUR E. TAYLOR,	Newark.

UNCLASSIFIED — Concluded.

SARAH ELEANOR THOMAS,	Bay City, Mich.
HAZEL F. THOMAS,	Newark.
MINNIE G. TIGHT,	Granville.
MRS. W. G. TIGHT,	Granville.
BESSIE TRUMPER,	London.
GEORGE CLEVELAND TUSSING,	Bryce.
HOPE TURNBAUGH,	Cambridge.
MARY CATHERINE TUTTLE,	Granville.
EDITH FRANCIS WATSON,	Granville.
GRACE WELLS,	Granville.
KATHELYN ZELLA WHITE,	Johnstown.
LUCY MYRTLE WHITE,	Freemansburg, West Va.
CORA ELLEN WILLIAMS,	Alexandria.
HELEN WILLIAMS,	Granville.
RUTH WORK,	Granville.
JESSIE WORK,	Granville.
GRACE WRIGHT,	Croton.
MARY E. WRIGHT,	Dresden.
GRACE EDNA YOAKAM,	Homer.

V. SCHOOL OF ART.

VIRGINIA BOND THORNE,

DIRECTOR

Drawing and Painting.

CARIE MARIE HOWLAND,

China Painting.

HARRIET M. BARKER,

History of Art.

The work in Art is arranged as follows:

I. DRAWING.

FIRST GRADE.

Outlines from geometrical solids.
Theory of perspective.
Simple studies from still live objects.
Outlines from mask and separate features.

SECOND GRADE.

Hands and feet from cast.
Shaded heads from cast.
Detached features of face.

THIRD GRADE.

Heads and figures from cast.
Elaborate studies from still life.
Heads and figures from life.

II. WATER COLORS AND OILS.

In this work thorough study is given to Composition, Color, Texture, Values, Light and Shade.

Besides the work of the regular courses, classes may be formed in China Decoration, Tapestry Painting, and Decorative Designs. Drawing from life is also one of the chief features. During the Spring term, classes will sketch from nature, the scenery around Granville being especially picturesque and varied.

Those registered for regular work in the art studio are admitted, free of charge, to the class in History of Art, which embraces the study of architecture, sculpture, painting and the lives of the great masters.

An Art Reception will be given during Commencement week, at which time the work done in the studio during the year will be on exhibition. For this reason it is important that the work be left in charge of the Director of the Department until the close of the year.

The Art graduates are invited to leave one specimen, each, of their work as a gift to the college.

Pupils will receive certificates from the Art Department after having completed the required course of three years.

TUITION IN SCHOOL OF ART.**FALL TERM.**

Painting, Oil	\$16.00
" China	16.00
" Water Colors	14.00
Pastel	14.00
Black and White	14.00

WINTER TERM.

Painting, Oil	\$14 00
" China	14 00
" Water Colors	12 00
Pastel	12 00
Black and White	12 00

SPRING TERM.

Painting, Oil	\$12 00
" China	12 00
" Water Colors	10 00
Pastel	10 00
Black and White	10 00
Extra for each Crayon portrait	2 00

STUDENTS IN ART.

AMY JEANNETTE DODSON,	Columbus.
PEARL CYNTHIA FERGUSON,	Granville.
MARY LOUISE JONES,	Newark.
ESTELLE MAE KING,	King's Mills.
LILLIAN MERRINSON,	Grand Rapids.
MARIAN OGLE,	Washington C. H.
CORA ELIZABETH WARNER,	Granville.
LUCY MYRTLE WHITE,	Freemansburg, West Va.

ORATORY AND ELOCUTION.

C. EDMUND NEIL.

The work in this department is along the line of science as well as that of art. Until recently but little attention was paid to the underlying principles of expression. The subject was taught almost entirely as an *imitative* art. Progressive thinkers have now so developed and systematized the constituent elements of voice and action that the study of oratory is taking a place by the side of the sister sciences in the best curricula of our country. In recognition of this fact the University gives credit, as an elective study, to work done in Oratory and Elocution, in proportion to the number of hours taken. The following courses are offered, each occupying one college term.

I. *Principles of Elocution.* A study of vocal organs and muscles; methods of breathing; vocal culture for purity, strength, compass, flexibility and sustaining power. Study and application of vocal elements; form, degree, stress, quality. First principles of action.

II. *Principles of Elocution.* Vocal culture continued. Study and drill in the vocal elements; pitch, degree, change, melody, time, quantity, pause, movement. Completion of principles of action. Analysis, preparation and rendition of selections. Criticism of application of elements.

III. *Literary Analysis and Rendition.* Development of individuality in voice and action. Lectures on analysis, mind, concentration, imagination, memory,

scene building and interpretation. Individual study of selections from every style. Rendition of prescribed selections and criticism by members of class and instructor.

IV. *Argumentation and Debate*. Lectures on ex tempore speaking, principles of debate, preparation of briefs, arrangement of argument, team work, and rebuttal. Ex tempore speeches and debates required of every student.

V. *Original Orations*. Lectures on styles of address, kinds of discourse, construction of speeches, ancient, mediæval and modern oratory, and the sources of eloquence. Declamation of selections from great orators. Preparation and delivery of topical speeches and original orations.

VI. *English Classics*. Lectures on Shakespeare, Dickens, Browning, and Tennyson. Study, interpretation, and memoriter rendition of one of Shakespeare's plays. Interpretative analysis of one other play and of selections from other English masters.

SUMMARY OF STUDENT ATTENDANCE.

Graduate Students,	4
Seniors, Granville College,	21
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The Seventy-Third
ANNUAL CATALOGUE
of
Denison University
for the year
1903 - 1904



GRANVILLE, OHIO

1904

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DEPARTMENTS
OF
DENISON UNIVERSITY

Denison University Comprises Five Departments:

- I. GRANVILLE COLLEGE.
 - II. SHEPARDSON COLLEGE.
 - III. DOANE ACADEMY.
 - IV. THE CONSERVATORY OF MUSIC.
 - V. THE SCHOOL OF ART.
-

For Catalogue or other information,
Address, EMORY W. HUNT, D. D., LL. D., President,
GRANVILLE, OHIO.

THE UNIVERSITY CALENDAR.

1904.

March	29 Tuesday	Spring Term begins at 9 a. m.
May	12 Thursday	Senior Vacation begins.
June	2-4 Th., Fri., Sat.	Examinations.
June	5 Sunday	Baccalaureate Sermon, 10 a. m. Sermon before Christian Association, 8 p. m.
June	6 Monday	Field Day. Commencement Concert, 8 p. m.
June	7 Tuesday	Graduating Exercises of Hoane Academy, 10 a. m. Scripture Prize Reading, 3 p. m. Lewis Literary Prize Contest, 8 p. m.
June	8 Wednesday	Class Day Exercises, 10 a. m. Business Meeting of the Alumni. President's Reception, 8 p. m.
June	9 Thursday	University Commencement, 10 a. m. Alumni Dinner.
September	14 Wednesday	Examinations for Admission.
September	15 Thursday	Fall Term begins 9 a. m.
Nov.	24-25 Th. and Fri.	Thanksgiving Recess.
December	21 Wednesday	Fall Term ends.

1905.

January	4 Wednesday	Winter Term begins, 9 a. m.
January	26 Thursday	Day of Prayer for Colleges.
March	28 Wednesday	Winter Term ends.
April	3 Tuesday	Spring Term begins.
June	11 Thursday	Commencement.

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Class III—Term Expires in 1906

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TORRENCE HUFFMAN, ESQ.,	Dayton.
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J. K. McINTIRE, Term expires 1904

J. B. THRESHER, Term expires 1905

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*The term "University Faculty," as used in this catalogue, includes all persons giving instruction in the various departments of the University; the department faculties include, in each case, all persons giving instruction in the department in question.

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(Office, room 244 Doane Academy.)

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(Office, room 7, Doane Academy.)

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(Office in King Hall.)

MRS. HELEN M. HUNT,
Matron of Shepardson College.
(Office in Burton Hall.)

GENERAL INFORMATION.

Location.

Granville, the home of Denison University, is situated in Licking County near the geographical center of Ohio. The moderately elevated and partly wooded hills by which it is surrounded furnish one of the most restful and beautiful landscapes in the State, — a natural environment admirably adapted to the spirit and purpose of college life. The community is of New England origin, and the continued resemblance of its daily life to that of the best type of New England village is frequently remarked. The intellectual, moral and religious level of the population is high, and every endeavor is made to bring students under the best influences. The introduction of saloons was prohibited by the vote of the people as soon as the laws of the State made such action possible, and no saloon has existed within the limits of the corporation for many years.

Granville is on the line of the Toledo & Ohio Central Railroad, and by electric cars to Newark has connection with all points on the Baltimore & Ohio, and the Pittsburgh, Cincinnati & St. Louis roads. It also has electric car connections with Columbus, Springfield, Dayton and various other points.

Buildings.

Among the buildings occupied by the various departments of the University the following may be mentioned:



Grinnell from College Hill



Lavatory in West Dormitory

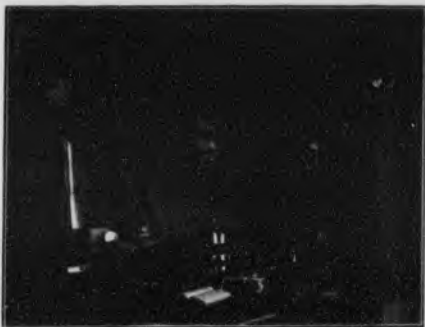
I. This building was erected in 1856, to provide lodgings for students, literary society halls and lecture rooms. It is built of brick, four stories high, 132 feet in length and 45 feet deep. During the past year it has undergone extensive repairs, and is now devoted to dormitory purposes alone. The former society halls and lecture rooms have been cut up into living rooms for students. The wood work has been renewed wherever it was seriously worn, the rooms and halls have been largely plastered anew, the walls and ceilings freshly papered and the entire building repainted. Lavatories, including an ample supply of shower baths, with hot and cold water, have been introduced on each of the four floors and made easily accessible from the rooms of all the students. The rooms have been newly supplied with all the heavier furnishing necessary, including a single white iron bed and mattress for each student, dresser, lounge, book case, study table and chairs. The rooms are lighted by electricity and heated by hot water, from the central plant. The charges for these rooms, which are very moderate, will be found on another page. (See general index, under head of Expenses.)

II. This is a four story brick building, 133 feet long by 66 feet in depth, completed in 1871. Two floors complete and part of a third have been newly refitted for dormitory purposes in the same style and with the same conveniences as have been described in the preceding paragraph for the West Dormitory. Eight large and well lighted class rooms have been fitted up in this building, three on the first floor and five on the second, for the

departments of German, Romance Languages, Latin, History, Mathematics, Engineering and Art. These two dormitory buildings together furnish accommodations for one hundred and fifty students.

III. This was erected in 1878 for the University Library, by Dr. W. Howard Doane. It is of brick and stone, built in the form of a cross, and well adapted to its purposes. Its shelves now contain nearly 30,000 bound and unbound volumes.

IV. This building is the gift of E. J. Barney, Esq., erected in memory of his father, Eliam E. Barney, LL. D., one of the firmest friends of the University in its earlier days. It contains 44 rooms, devoted entirely to scientific work. The building is of buff pressed brick, 142 feet long and 78 feet deep. The various departments of scientific study have their laboratory and lecture rooms here. Several thousand dollars' worth of apparatus has been added during the last few years. This includes many of the best and most recent devices for physical, chemical, geological and biological research. A machine shop with power-lathes, wood-working machinery, screw-cutting tools and forge enables students to gain skill in apparatus construction. Regular classes in the shop usually work three hours a week through the Winter. Much valuable apparatus has in this way been added to the laboratories. The facilities for scientific work provided by this building will be largely re-enforced by the central heating and lighting plant, now in process of erection.



Room in West Dormitory



Room in Burton Hall



V. This building, in addition to the Principal's office, the lecture rooms and society halls of the Academy, for which it is especially designated, contains the offices of the President and Treasurer, the President's lecture room, the lecture rooms of the departments of English and Greek, and the University Chapel. It is of Oakland pressed brick and Amherst stone, and is three stories high above the basement. It was presented to the University by Dr. W. Howard Doane.

VI. This is a three story brick building, **Burton Hall.** erected for the use of Shepardson College, in 1888. The interior is light and cheery in appearance, restful and homelike in effect, and complete in all its appointments.

VII. King Hall was erected at a later date, **King Hall.** to provide for the increasing patronage of the school, and contains rooms for about thirty young women. The rooms are of the same size, similarly furnished, and open into corridors surrounding a large central court.

VIII. Teachers and students of Shepardson **Dining Hall.** College, living on the College grounds, except those in the Club House, take their meals in the Dining Hall, a bright, spacious room, fully equipped for its purposes and easily accessible to the two Halls above described, and the smaller cottages as well.

IX. This is the gift of Professor and Mrs. **Conservatory Building.** A. U. Thresher, and is located on Cherry Street, opposite the square occupied by the buildings last described. It is de-

voted entirely to the Conservatory of Music, and contains fifteen rooms for instruction and practice.

X. The Recital Hall stands on Cherry **Recital Hall** Street, by the side of the Conservatory building. It is furnished with opera chairs and has a raised floor, giving each spectator an uninterrupted view of the stage. The stage is equipped with raised platform, has seating capacity for a chorus of seventy-five voices, and is furnished with Steinway concert grand and parlor grand pianos and a pipe organ, the gift of Dr. Doane.

A Central Heating and Lighting Plant is now in process of construction, and is already furnishing heat to the young men's dormitories and electric light to all the buildings of the University. The hot water system of heating is used. Aside from its immediate purposes, the operation of this plant on the University grounds is of great practical value to students in certain lines of scientific study.

LIBRARY PRIVILEGES.

The University Library is open under liberal regulations to the Faculties and students of all departments, and its contents are classified and arranged according to the Dewey system, thus enabling the reader to ascertain the resources of the Library on any given subject in the shortest possible time.

Aside from the general library there is also in Barney Memorial Hall a large collection of special scientific literature, including sets of the publications of Scientific Societies in all parts of the civilized world.

and files of many scientific periodicals, American and Foreign. The Marsh Memorial Library, in King Hall, founded by Dr. and Mrs. Shepardson in memory of their daughter, Mrs. Lide Shepardson Marsh, furnishes a valuable collection of books for missionary and Bible study.

SCIENTIFIC PUBLICATIONS.

The "Bulletin of the Scientific Laboratories," published by the scientific departments under the auspices of the "Denison Scientific Association," affords an opportunity for the publication of original work by students and instructors in the several departments.

The "Journal of Comparative Neurology and Psychology," is published bi-monthly, and affords an avenue of publication for the researches conducted in the neurological laboratory. It has the support and co-operation of distinguished specialists of the day, not only in America but in foreign lands where this important branch of scientific investigation is pursued.

Each of these publications has a large exchange list, and the scientific library is rich in serial literature.

LITERARY SOCIETIES

There are six literary societies maintained in the different departments of the University, — The Calliopean and Franklin, open to all students in Granville College; the Ciceronian and Irving, of Doane Academy; the Euterpean and Philomathean, for the young women of Shepardson College. These all maintain regular weekly meetings, and those of them which are

temporarily without halls of their own will be amply provided for in the new buildings now planned.

CHRISTIAN ASSOCIATIONS.

There are maintained in the University vigorous branches of both the Young Men's Christian Association and the Young Women's Christian Association. These organizations maintain regular classes in systematic Bible Study, the Young Men's Association offering a four years' course comprising the Life of Christ, the Apostolic Age, Old Testament Biography, and New Testament Doctrines. Students taking this course receive certificates upon successful examination at the end of each year, and at the end of the course a diploma, under the auspices of the International Committee of the Young Men's Christian Association, Bible Study Department. Every phase of school life is represented in the membership of these organizations, and the zeal shown in the work is earnest and unremitting.

MORAL AND RELIGIOUS INFLUENCES.

The entire life and administration of the University, while avoiding sectarianism, is positively and emphatically in favor of the Christian religion. The exercises of each day begin with prayer in the University Chapel, and this service the students in all departments are required to attend, unless excused for satisfactory reasons. They are also expected to attend morning and evening church services each Sunday, full liberty being allowed to conscientious denominational preferences in selecting a place of worship. Students are welcomed in the various Sunday Schools of the village, and in the Baptist Sunday School there are several

classes taught by University instructors and intended expressly for students.

AIM.

The University has long enjoyed an honorable reputation for thoroughness, and other excellencies of mental discipline, and to maintain and advance this reputation, as far as possible, is the constant aim of Trustees and Faculty. Every possible resource will be employed to develop young men and young women in the most earnest and successful manner, physically, intellectually, and morally.

REGULARITY AND PUNCTUALITY.

Each term opens with the Chapel service, on the morning of the day scheduled in the University calendar. No student is allowed to be absent a term, or leave town during term time, without permission from the President, since absence from any University exercise, even for a few days, entails serious loss.

Punctuality at the beginning of the term is especially desired, as losses incurred by beginning behind one's classes can never be fully repaired. Although students will be admitted at any time, it is highly desirable that they begin their studies with the Fall Term. If the attendance is expected to be for but one term, that term is the best; if for longer, the regularity secured by beginning with the opening of the school year, in September, adds greatly to the profit of the study.

Without special permission to do otherwise, each student is expected to take not less than thirteen nor more than eighteen hours of work in the class-room per week.

Careful records are kept by the University officers, from which each student's character for punctuality as well as for attainments in his studies can at any time be ascertained. This information will be furnished to parents or guardians at the end of each term, and at any other time, on application to the President.

ABSENCES.

Each student shall be allowed as many absences per term in a given subject as there are exercises per week in that subject. This allowance is not intended, however, to encourage absence for trivial reasons, and punctual attendance at every class exercise will receive due recognition. Absences in excess of the number specified operate directly to lower the student's term standing, as well as indirectly by injuring the character of his work when present.

If the absences from Chapel exceed ten per cent., the student may be summoned before the Faculty and such penalty imposed as the Faculty shall determine.

CLASS STANDING.

Each instructor keeps a constant record of the work of each pupil, and reports the same to the Registrar at the close of the term. In the college classes the standing is indicated as follows: the letter A opposite a student's name indicates that his work for the term, including examination, has been *excellent*; B, that it has been *good*; C, *fair*. The letter D indicates that the work has been too poor to receive credit until some *condition*, imposed by the instructor, has been fulfilled; and E indicates a complete *failure*.

Students marked D must remove the imposed condition previous to the beginning of the third term thereafter, in order to get credit for the study in question. Students marked E in any study necessary to the completion of their course must take such study over again in class, or if that is impossible, in such way as the Faculty shall direct.

EXAMINATIONS.

A careful examination of every class, usually both oral and written, is held at the close of each term. All students, whether candidates for degrees or not, must attend all examinations in the studies which they pursue. No student whose examination in any study is reported "incomplete" will receive credit for that study until the examination has been completed, and this must be done within one year from the date of the original examination.

THE DENISON SCIENTIFIC ASSOCIATION.

This society aims, in the words of its constitution:

- (a) To afford opportunity for the interchange of ideas by those interested in the various sciences.
- (b) To collect, record, and disseminate information bearing on the sciences.
- (c) To stimulate interest in local natural history and to preserve notes and specimens illustrating the same.

It has been the means of much good in arousing a desire for original scientific investigation, and the interest in its work is constantly increasing.

For information concerning the Bulletin of the Scientific Laboratories, published under the auspices

of this association, address the Permanent Secretary, T. L. Watson.

THE DENISON LANGUAGE ASSOCIATION.

This association was organized to stimulate interest in language study and unify the work of the various language departments of the University. All members of the University, whether students or teachers, may have their names placed upon the membership roll upon request, and no membership fee is required. Its meetings are held every other week, alternating with the meetings of the Scientific Association. As the aims and working of the association come to be fully understood it is expected to be of great service to the linguistic and literary studies of the University.

THE DENISON ORATORICAL ASSOCIATION.

The aim of this organization is to promote interest in public speaking. Under its auspices a local contest is held each year to determine who shall be the representative of the college at the Inter-Collegiate Oratorical Contest. Occasional contests in debate with other colleges have also been arranged.

THE DENISON ATHLETIC ASSOCIATION.

The Athletic Association looks after the work in the gymnasium and provides other forms of physical culture, at once interesting and profitable to the student. The payment of an annual athletic fee assessed by the University, constitutes each male student a member of this association, entitled to all its privileges and to a vote in its management. The association possesses a fine athletic field, presented by F. P. Beaver, Esq., of Dayton.

SPECIAL STUDY FOR HONORS.

Any regularly classified student who has maintained an A rank in not less than half his work during three successive terms of the freshman and sophomore years, and has not fallen below C in any single study, may, with the consent of the faculty, be enrolled as a student for Honors in some selected department of study.

Application for such enrollment shall be made prior to the opening of the Spring Term of the Junior year. If the application be granted, the Professor in charge of the department selected shall assign work to the applicant substantially equal in amount to a three hour study for one college year.

The student shall be examined on this work prior to the opening of the Spring Term of the Senior year. The examination shall be conducted under the direction of the Professor in charge, assisted by some other member of the faculty to be appointed by the President; and in addition to the special assignment it shall cover in a general way all other work which the applicant has taken in the same department. If creditably passed it shall entitle the applicant to have his name placed upon the records of the University as having won Honors in this department, and the fact shall be announced on Commencement day and published in the annual catalogue.

During the interval between enrollment for Honors and examination, the student must maintain an A rank in all work done in the department to which his special study shall belong, and must not fall below B in any other department. He must also maintain an unblemished record in department

Work done for Honors must not be elementary in its character, and in no case shall it be the only work done in the department in which it is taken. Advanced elective courses already offered may be utilized as Honor courses, or special topics may be assigned to suit individual cases; but in no case shall work upon which Honors are bestowed be counted as any part of the student's requirements for his baccalaureate degree.

PRIZES.

1. *The Lewis Literary Prize Contest.* Charles T. Lewis, Esq., of Toledo, offers to the Franklin and Calliopean Literary Societies the following prizes, to be obtained by literary contests during Commencement week: Forty dollars to the best debater, thirty dollars to the best orator, twenty dollars to the best essayist, and ten dollars to the best declaimer.

2. *The Samson Talbot Prize Reading.* This prize foundation is for the best reading of Scripture and is open to Seniors and Juniors. The prizes are \$40 and \$20 respectively.

3. *The Daniel Shepardson Bible Book Prizes.* At the Alumni Dinner, June, 1902, Rev. Daniel Shepardson, Ph. D., of the class of 1888, offered two prizes, of \$50 and \$25 respectively, for the best book-studies upon certain books of the Bible. The contest is open, without distinction of sex, to members of the Sophomore, Junior and Senior classes. In case sufficient interest is developed it is expected that these prizes will be made permanent. The conditions for the current year are as follows:

(1.) The book-study must be upon Micali or Nehemiah, in the Old Testament, or upon Luke or Hebrews, in the New.

(2.) It must contain between 4,000 and 7,000 words, and treat of the authorship, date, circumstances, purpose, general outline of thought, and the great teachings of the book.

(3.) The contestant must have a good general college standing in character and work.

(4.) There must be at least five bona fide contestants, if award is to be made.

(5.) The study must be in the hands of the Committee of Award by May 10th, at the latest.

4. Athletic Prizes. A number of prizes are awarded for excellence in certain sports and athletic exercises of Field Day.

PRIZES AWARDED IN JUNE 1903.

The Lewis Contest: DEBATE, W. L. Flory, Franklin; ORATION, J. W. Nixon, *Calliopean*; ESSAY, F. S. LaRue, Franklin; DECLAMATION, J. S. Bridges, *Calliopean*.

The Sampson Talbot Prize Reading: First prize, not awarded; second prize, Harry J. Skipp.

The Shepardson Bible Book Prizes: First prize, F. S. LaRue; second prize, J. S. West.

SCHOLARSHIP FUNDS.

For deserving students in need of assistance the University has at its disposal the annual income of the following funds:

1. The Mary K. Monroe Fund, of \$30,000. The income of this fund is available for ministerial students in Granville College, and in the Theological Seminaries after graduation from Granville College.

2. The King Scholarship Endowment, of \$12,000, for the aid of young ladies in Shepardson College.

3. The Ebenezer Thresher Fund, of \$10,000, for the aid of young men in Granville College.

4. The M. E. Gray Fund, of \$5,000, for the aid of ministerial students in Granville College.

5. The David and Jane Harpster Fund, of \$5,000, available for students in Granville College and Doane Academy.

6. The David Thatcher Fund, of \$1,500, available for ministerial students in Granville College and Doane Academy.

7. The Mary Arnold Stevens Fund, of \$500, for students in Granville College or Doane Academy.

8. The Shepardson Scholarship, income of \$1,000, for students in Shepardson College.

9. The Luse Scholarship, income of \$1,000, for students in Shepardson College.

10. The Bostwick Scholarship of \$1,000, established by A. F. and A. A. Bostwick, of Seville, Ohio.

11. The Griswold Scholarship, the income of \$5,000, the gift of the late G. O. Griswold, Esq., of Warren, Ohio.

12. The Maria Theresa Barney Fund, from which the President of the University has a varying amount at his disposal each year to be loaned to students at his discretion, without interest.

13. The Ohio Baptist Education Society has at its disposal free tuition scholarships for its beneficiaries to the number of forty, if necessary.

14. By authorization of the Trustees the President of the University may remit the tuition of a limited number of students in cases of special necessity.

15. A few scholarships which were sold in the early days of the college were afterwards surrendered by the original purchasers and are at the disposal of the Faculty.

Good class standing and exemplary conduct in all relations of life are prerequisite to the enjoyment

of any of these scholarships. Pupils holding them may be called upon to render a certain amount of service to the University, but never to an amount which will interfere with regular college studies.

For further information regarding scholarships open to ministerial students, address Rev. A. S. Carman, Educational Secretary; concerning scholarships open to those not studying for the Ministry, address the President of the University.

FIRST DEGREES.

The degrees of A. B., B. S., and Ph. B., are conferred upon such candidates for the same as have passed satisfactory examinations upon all the studies required.

Candidates for these degrees are required to pay the treasurer their dues, including the graduating fee of five dollars, as early as June 1.

No first degree will be granted to any candidate therefor who, at the beginning of the Spring term of the Senior year, shall have charged against him as incomplete any work of the course required prior to the Winter term of the Senior year.

SECOND DEGREES.

The usual second degree is conferred on completion of graduate courses of study. After the admission of a student to a graduate course a committee of three from the Faculty shall supervise his work. Undergraduates who have advanced standing may take work towards a second degree, but not more than two-

thirds of a year of such work may be taken previous to graduation.

Resident students in graduate courses are subject to the same tuition, incidental and laboratory fees as others. Non-resident candidates for second degrees are required to pay the same gross amount of tuition fees as resident candidates for the same degrees. The diploma fee for all advanced degrees is ten dollars. The particular requirements for the several degrees are as follows:

FOR THE DEGREE OF A. M. AND M. S.

1. **RESIDENT GRADUATES.**—The candidate for either of these degrees shall study in this University one year under the direction of the Faculty. Recitations and examinations shall be appointed by the several instructors. Any instructor may require a thesis on the subject taught by him, and allow it to take the place of as much work in that study (not to exceed two terms) as to him may seem good. The candidate shall with the approval of the Faculty, select from the following list one study as a main study, and shall pursue it throughout the year:

1. One language other than English.
2. Mathematics.
3. Philosophy.
4. Science.

He shall also, with the approval of the Faculty, select each term two minor studies.

Minimum.—A candidate for the degree of A. M., must take, in Greek or Latin, at least one term; in a modern language other than English, at least one term; in history, at least one term; in English literature, at least one term.

The minimum of required studies leading to the degree of M. S. shall be as follows:

One complete year of some physical science, and two selected terms of physical science in addition.

Minima for Ph. M. will be determined by the Faculty.

2. NON-RESIDENT GRADUATES. — The candidate shall study two years under the direction of the Faculty. He shall be examined at the end of the first year, and shall present a satisfactory thesis at the end of the second year. Recognizing the unsatisfactory conditions under which non-resident work for a degree must be done, the University does not advise it unless the circumstances are quite exceptional.

Second degrees in course are not granted by the University.

THE MEDICAL PREPARATORY COURSE.

The Scientific Course includes the subjects recommended by the Association of Medical Colleges for prospective medical students, and special opportunities are offered in the biological department to such students as may desire to secure advanced standing in the medical school. It is now recognized that the rapidly increasing competition in the medical profession makes necessary the best possible preparation and that college graduates have vastly better prospects of success than others. To accommodate those students who desire to lay the broadest possible foundation for medicine, a year of graduate work is offered leading to the degree of Master of Science and presenting advanced courses in comparative anatomy, histology, neurology, botany, chemistry and physics.

THE SEPARATE DEPARTMENTS.

I. GRANVILLE COLLEGE.

HISTORICAL STATEMENT.

The name "Granville College" was the official designation of the school now known as Denison University, for about ten years previous to the adoption of the present name. At various times during the succeeding years the re-adoption of the name had been informally discussed among the friends of the institution, but the matter had not been taken up officially. When the re-adjustment of the relations between Denison University and Shepardson College came before the Board, the necessity for some separate designation for that department of the University which has to do with the instruction of young men in the four college classes led inevitably to the revival of the old name, *Granville College*. Wherever this term is used, then, the reader will understand that it refers to the department of collegiate instruction for young men, as distinguished from the departments dealing with the collegiate instruction of young women, preparatory instruction, etc.



College Hill



FACULTY OF GRANVILLE COLLEGE.

EMORY W. HUNT, D. D., LL. D.,
Intellectual and Moral Philosophy.

JOHN L. GILPATRICK, A. M., PH. D.,
Mathematics.

RICHARD S. COLWELL, D. D.,
The Greek Language and Literature.

GEORGE F. McKIBBEN, A. M.,
The Romance Languages.

CHARLES L. WILLIAMS, A. M.,
Rhetoric and English Literature.

WILLIAM H. JOHNSON, A. M.,
The Latin Language and Literature.

C. JUDSON HERRICK, M. S., PH. D.,
Zoology.

CLARK WELLS CHAMBERLAIN, A. B.,
Physics and Chemistry.

THOMAS L. WATSON, M. S., PH. D.,
Geology and Mineralogy.

WILLIS A. CHAMBERLIN, A. M.,
The German Language.

CHARLES E. GOODELL, A. M.,
History and Political Science.

BIRNEY E. TRASK, C. E.,
Civil Engineering.

W. BLAIR CLARK, M. S.,
Chemistry.

HARRIET MARIA BARKER, A. M.,
History of Art.

NELLIE A. MONTGOMERY, A. B.,
English Literature.

BUNYAN SPENCER, A. M., B. D.,
Logic.

MALCOLM E. STICKNEY, A. M.,
Botany.

ADAH T. ECKERT,
Elocution.

CONDITIONS OF ADMISSION.

Regularly authenticated graduates of Doane Academy are admitted to the Freshman Class without further examination. The graduates of certain approved High Schools are credited with their certified High School work without examination, so far as such work coincides with the entrance requirements of the University.

For candidates prepared elsewhere, examinations for admission to the College classes will be held on the day preceding the beginning of the Fall term, at 9 A. M. (See Calendar.)

ENTRANCE REQUIREMENTS.

FOR THE CLASSICAL COURSE the requirements are: *Latin*.—Four Books of Caesar's Gallic War, seven orations of Cicero, and six Books of Virgil's Aeneid. It is assumed that the reading of these texts is preceded by the study of the Beginner's Book and Grammar, and that the work in Caesar and Cicero is accompanied by suitable exercises in Prose Composition. *Greek*.—Grammar and First Lessons; four books of Xenophon's Anabasis, accompanied by exercises in Greek Prose Composition. *English*.—In addition to the work in English usually done in the Grammar grade of the Public Schools, the applicant must be prepared for examination in the following subjects: Principles of English Composition; Rhetoric (two terms); English Classics, substantially the amount required by the New England Association, which for 1904 and 1905 is as follows: Shakespeare's Merchant of Venice and Julius Caesar, the Sir Roger De Coverly

Papers, Goldsmith's Vicar of Wakefield, Coleridge's Ancient Mariner, Scott's Ivanhoe, Carlyle's Essay on Burns, Tennyson's Princess, Lowell's Vision of Sir Launfal, and George Eliot's Silas Marner. *Mathematics*.—Algebra, through Quadratics; Plane, Solid and Spherical Geometry. *History*.—History of the United States and one year of General History. *Science*.—Elementary Physics.

FOR THE SCIENTIFIC COURSE: *English, Mathematics and History*, the same as in the Classical Course, just described. *Latin*.—The work is the same as described above for the Classical Course, but one year of work in either *Greek or French* may be offered as a substitute for the last year of preparatory Latin. *Science*.—Physics, one year; Chemistry and Physiology, one half year each; Botany, one term.

FOR THE PHILOSOPHICAL COURSE: *English, Latin, History and Mathematics*, as in the Classical Course, described above. *Science*, as in the Scientific Course.

A more detailed idea of these requirements may be gained by consulting the tabular statement of courses in Doane Academy, which will be found by consulting the general index, under the heading, Doane Academy. Fair equivalents for any of the studies enumerated will of course be accepted. Candidates for admission must present evidence of good moral character, and if from another college must bring proof of regular dismission. Each of the collegiate courses occupies four years.

DEFICIENCIES IN CERTAIN BRANCHES.—Students

often apply for admission to the regular classes, who are behind those classes in some study. If such students show ability, all possible assistance is afforded them in compassing their purpose. It is sometimes, however, necessary for them to secure private instruction for a short time; but this may be obtained at very reasonable rates.

STUDENTS NOT CANDIDATES FOR A DEGREE.—Students who do not desire to become candidates for a degree may be admitted to the College, provided they give satisfactory evidence to the Faculty that they can profitably pursue the studies which they may select.

GENERAL REQUIREMENTS FOR GRADUATION.—In estimating the credits for the baccalaureate degrees the unit adopted is one hour a week of lecture or recitation or two hours a week of laboratory work. One hundred and eighty-five such units are necessary for the completion of any course of study. It is expected that the average student will complete sixteen units each term, and no student will be permitted to elect studies aggregating more than eighteen or less than thirteen units a term without special permission from the faculty.

DISMISSION.

Students leaving before the close of a term will not be regarded as having honorably terminated their connection with the University unless regularly dismissed by the President.

SPECIAL STUDIES.

Pennmanship, Sterography and Elocution are

taught by competent instructors. Charges for these courses, for the present, will be extra.

EXPENSES.

It is believed that a thorough and complete collegiate education can be obtained as cheaply here as in any other college in the country. The following is an estimate of some of the more prominent items of expense:*

TUITION — Per Annum	\$39 00
Divided as follows: Fall Term, \$15; Winter and Spring, \$12 each.	
Room Rent in the Dormitories: Fall Term, \$15; Winter Term, \$15; Spring Term, \$10....	40 00
(This includes light and heat).	
INCIDENTALS — Fall Term, \$1; Winter and Spring, \$2.50 each	8 00
Athletic fee, Fall Term, \$1.50; Winter and Spring, \$1.00 each	3 50
Books	12 00
BOARD — 39 weeks at \$2.00 per week	78 00
Washing	12 00
Sundries	6 00
Total for a year	\$198 50

Matriculation Fees are as follows: Freshman Class \$2; Sophomore, \$3; Junior, \$4; Senior, \$5; Electives, \$2.

For the Laboratory fees connected with certain scientific studies, see the statements of the various scientific departments, in the following pages.

Registration Fee, one dollar. For registrations

*Consult the General Index for reference to expenses in other departments.

made the first day of the term, the fee is remitted. for second day, one-half the fee is remitted.

A fee of \$2 is charged for each special examination.

Board in clubs costs from \$2 to \$2.50 per week; in families, \$3 to \$3.50. Whatever board costs over \$2 per week must be added to the above estimate. Many students reduce their expenses below this sum.

All term bills are to be paid, or satisfactory security for their payment lodged with the treasurer, at the beginning of each term, before students take their places in their classes. No charge for tuition, room rent, or incidentals will be for less than half a term.

DORMITORY FURNISHING.

Students rooming in the college dormitories are expected to provide their own bed clothing, towels, soap and other toilet appliances. For the charge specified in the preceding table the college provides the necessary furniture (bedstead, mattress, dresser, book-case, lounge, table and chairs) lights the rooms with electric lights and heats them by means of hot water radiators. The living rooms are all in close proximity to lavatories, on the same floor, where shower baths are provided, with hot and cold water. Students not rooming in the College buildings must have their rooms approved by the Faculty and be subject to the general regulations of the college.

The really necessary expenses of a student for a year, exclusive of clothing and traveling, range from \$175 to \$250, and many students meet a large portion of this by private earnings during the college year.

STATEMENT OF WORK IN THE VARIOUS DEPARTMENTS.

INTELLECTUAL AND MORAL PHILOSOPHY.

PRESIDENT HUNT.

ASSOCIATE SPENCER.

The work in this department comprises five hours a week in the Winter term of the Junior year and continuously throughout the Senior year. The method of work is almost exclusively by text-book and recitation, with theses upon assigned topics. Attention is not confined to a single text-book, however, but care is taken to give the students an introduction to the best literature of the subject.

The purpose held constantly in view is not to secure the acceptance of any special theory, but to guide the student in framing his own theory. Emphasis is laid upon the importance of the analytic method in mastering the discussion of philosophical subjects.

Instruction in Logic is given by means of text-books, supplemented by dictations and lectures. Careful attention is devoted to the Aristotelian system of Deductive Logic, and the most helpful systems of symbols and diagrams are introduced.

In teaching Inductive Logic, the most recent developments are investigated, and the whole subject is

regarded not so much as a system of mere mental gymnastics as a method of practical training for philosophical, scientific and judicial investigations.

In Psychology, the final appeal is made to consciousness, while recognition is given to the results of psychological experiment.

In Ethics, the methods and conclusions of the evolutionary school are passed in review. Especial attention is given to the analysis of conscience, and to the principles in accordance with which the character of acts must be determined.

In Christian Evidences, Christian truth is examined with especial reference to the objections which it has to meet to-day.

The work is given in six courses:

1. *Logic*, Deductive and Inductive.—Junior year, Winter Term. Five hours, 9 A. M. Associate Spencer.

2. *Psychology*.—Senior year, Fall Term. Five hours, 10 A. M.

3. *History of Philosophy*.—The last three weeks of the Fall Term are devoted to a rapid review of the most critical periods in the History of Philosophy.

4. *Ethics*.—Senior year, Winter Term. Five hours, 9 A. M.

5. *Theism*.—Senior year, first half of Spring Term. Five hours, 9 A. M.

6. *Christian Evidences*.—Senior year, second half of Spring Term. Five hours, 10 A. M.

These courses are all required of candidates for the various baccalaureate degrees conferred by the University.

MATHEMATICS AND ASTRONOMY.

PROFESSOR GILPATRICK.

1. *Algebra*.—Development of Functions, Convergency, and Summation of Series. Theory of Logarithms, Permutations and Combinations. Theory of Equations. Four hours, Monday excepted. Freshman, Fall Term, two sections, 9 and 10 A. M.

2. *Trigonometry, Plane and Spherical*.—Four hours, Friday excepted. Freshman, Winter Term, two sections, 9 and 10 A. M.

3. *Analytic Geometry*.—Four hours, Friday excepted. Freshman, Spring Term, 10 A. M.

Courses 1 and 2 are required of all candidates for degrees. All candidates for the degrees of Bachelor of Science or Bachelor of Philosophy must also take Course 3. The remaining courses are not required as prerequisite to graduation, but most of them are required as prerequisite to certain advanced courses in the various scientific departments.

4. *Analytics and Differential Calculus*.—Four hours, Wednesday excepted. Sophomore, Fall Term, 11 A. M.

5. *Differential Calculus*.—Four hours, Monday excepted. Sophomore, Winter Term, 7:40 A. M.

6. *Integral Calculus*.—Five hours. Junior, Fall Term, 7:40 A. M.

7. *Teachers' Course in Algebra and Geometry*.—Open to Juniors and Seniors. Five hours, Spring Term, 11 A. M.

Courses 1-6 must be taken in the order indicated; with this limitation, all courses not indicated as re-

quired are open as electives to students who have the requisite preparation.

Astronomy.—

1. *General Astronomy.*—Elective for Juniors and Seniors in all courses. Spring Term, 7:40 A. M.

CIVIL ENGINEERING.

ASSISTANT PROFESSOR TASK.

The department of Civil Engineering offers the following courses of instruction:

1. *Mechanical Drawing.*—

(a) Use and care of drawing instruments, lettering, selected geometrical problems; exercises in projection and simple working drawings. Prerequisite, Preparatory Mathematics. Required in B. S. course. Freshman, Winter Term, Tuesdays and Thursdays, 10 A. M.

Additional hours to be arranged individually.

(b) A course supplementary to the above will be offered to students desiring a more extended course.

2. *Descriptive Geometry.*—Prerequisite, Mechanical Drawing. A study of the representation of lines, surfaces and solids, tangencies, intersections and developments, with original problems. Four hours, Tuesdays excepted, Winter Term, 1:30 P. M.

3. *Plane Surveying.*—Prerequisite, Mathematics 2 and Mechanical Drawing. An elementary study of Surveying methods and instruments. Use of tape, chain, level and transit. Adjustment of instruments. Lectures, recitations, field-work and platting. Four hours, Friday excepted. Spring Term, 1:30-3:30 P. M.

4. *Railroad Surveying and Earthwork*.—Prerequisite, Course 3. Problems attending the location and construction of railways. Transition curves, computation of earthwork, platting profiles and construction of maps. Five hours, Fall Term, 9-11 A. M.

5. *Topographical Surveying*.—Prerequisite, Course 3. The methods of conducting topographical surveys are taken up. Each party makes a complete topographical survey of a certain tract, employing stadia, transit and rectangular methods. Fall Term, Monday, Tuesday and Thursday, 1:30-3:30 P. M.

6. *Sanitary Engineering*.—Systems of water supply, house drainage, systems of sewerage, with methods of purifying sewage. Visits of inspection and reports on existing systems. Fall Term, Wednesday and Friday, 1:30 P. M.

7. *Analysis of Structures*.—Determination of stresses in roof and bridge trusses, by graphical and analytical methods. Prerequisite, Mechanical Drawing, Mathematics 6 and Physics 1. Five hours, Winter Term, 11 A. M.

8. *Strength of Materials*.—This includes also an introduction to the designing of structures. Prerequisite, Course 7. Five hours, Spring Term, 10 A. M.

9. *Topographical Drawing*.—Prerequisite, Course 5. Topographical signs, plattings, pen and tinted work. Notes taken in Course 5 are reduced, areas computed and a topographical map made of the land surveyed. Winter Term, Wednesday and Friday, 10 A. M.

10. *Highway Construction and Maintenance.* — Methods and materials necessary to maintain streets and highways. Winter Term, Friday, 10 A. M.

GREEK.

PROFESSOR COLWELL.

The following courses are offered:

1. *Lysias.* — Selected orations, with the history of Athens under the Thirty Tyrants and the Restoration of the Democracy. Reading at sight in Lysias and Lucian. Four hours, Wednesday excepted. Freshman, Fall Term, 9 A. M.

2. *Thucydides.* — Selections, with History of the Peloponnesian War. Reading at sight in the New Testament and in Lucian. Four hours, Tuesday excepted. Freshman, Winter Term, 9 A. M.

3. *Homer.* — Selections from the Iliad, with reading at sight from the Odyssey. Four hours, Wednesday excepted. Freshman, Spring Term, 9 A. M.

4. *Demosthenes.* — Selected orations, usually the Philippics and the Olynthiacs. Reading at sight in Demosthenes and the New Testament. Four hours, Wednesday excepted. Sophomore, Fall Term, 7:40 A. M.

5. *Herodotus.* — Selections. Reading at sight from Herodotus, Diodorus Siculus and Xenophon. Four hours, Wednesday excepted. Sophomore, Winter Term, 7:40 A. M.

6. *Plato.* — The Apology and Crito, with selections from the Phaedo. Sight reading in the Memorabilia of Xenophon. Four hours, Wednesday excepted. Sophomore, Spring Term, 7:40 A. M.

Courses 1-6 are required of all candidates for the degree of Bachelor of Arts, and of candidates for the degree of Bachelor of Philosophy who make Greek their major language.

7. *Tragedies*. — Aeschylus, Sophocles, or Euripides. Elective for those who have completed courses 1-6. Five hours. Winter Term, 10 A. M.

8. *Comedies of Aristophanes*. — Elective for those who have completed courses 1-6. Five hours. Spring Term, 11 A. M.

9. *New Testament Greek*. — Elective for those who have had courses 1-6. Five hours. Winter Term, 10 A. M.

ROMANCE LANGUAGES.

PROFESSOR MCKIBBEN.

This department offers opportunity of studying French, Italian and Spanish. Its aims are: (1) The acquisition of a reading knowledge of the foreign language; (2) linguistic training; (3) introduction to the foreign literature and life.

The method employed includes the following features: Simultaneous beginning of grammar and translation; gradual advance to the new with frequent practice upon the old; the mastery of principles by noting and classifying examples found in the texts studied. *French:—*

Of the courses enumerated below, applicants for the degree of Bachelor of Arts are required to take at least course 1. For the degree of Bachelor of Science, courses 1-3 are required. For the degree of Bachelor of Philosophy, students who choose French

as their major language upon entrance must take courses 1-3 and at least three four hour courses in addition. Aside from these requirements the various courses are open as electives to students in all departments, with courses 1, 2 and 3 in order, prerequisite to any of the advanced courses.

1. Elementary forms, translation, written exercises. Fraser and Squair's French Grammar, Aldrich and Foster's Reader. A course for beginners, repeated in the Spring Term. Four hours, Friday excepted. Freshman, Fall Term, 1:30 P. M.

2. Grammar continued, with written and oral work in composition. Bruno's *Le Tour de la France*. Four hours, Wednesday excepted. Freshman, Winter Term, 11 A. M.

3. Grammar reviewed, with exercises and dictation. Sandeau's *La maison de Penarvan*; Racine's *Athalie*. Four hours, Monday excepted. Freshman, Spring Term, 9 A. M.

4. Review of Grammar, forms and syntax, with composition. Nineteenth Century prose writers, especially Daudet. Courses 1-3 prerequisite. Four hours, Friday excepted. Sophomore, Fall Term, 7:40 A. M.

5. Grammar review continued, with composition. Translation from the literature of the Eighteenth Century and the Revolutionary Period. Courses 1-3 prerequisite. Four hours, Wednesday excepted. Sophomore, Winter Term, 7:40 A. M.

6. Composition and dictation. Translation from Victor Hugo and Rostand. Courses 1-3 prerequisite. Four hours, Monday excepted. Sophomore, Spring Term, 7:40 A. M.

7. *The French Historians*.—Courses 1-3 prerequisite. Tuesday and Friday. Fall Term, 2:30 P. M.

8. *Prose and Verse of François Coppée*.—Courses 1-3 prerequisite. Tuesday and Friday. Winter Term, 1:30 P. M.

9. *Sight Reading and Conversation*.—Courses 1-3 prerequisite. Tuesday and Friday. Spring Term, 1:30 P. M.

Italian.—

1. Grandgent's Grammar and Bowen's Reader. —The forms of the language are learned and practiced in exercises, written and oral, and in translation. Elective in all courses. Winter Term, Monday, Wednesday and Friday, 10 A. M.

2. Rapid translation of selections from Barboni's *Antologia*. Outline of the History of Italian Literature. Elective. Five hours. Spring Term, 11 A. M.

Spanish.—

1. *Ramsey's Grammar and Reader*. The forms of the language are learned and practiced in written and oral exercises and in translation. Elective. Five hours. Fall Term, 10 A. M.

2. Translation of a novel by Alarcon or Galdos. Grammar and composition. Outline of the History of Spanish Literature. Elective. Winter Term, Wednesday and Friday, 10 A. M.

The courses in Italian and Spanish, while intended as advanced electives, may be taken by any who, in the judgment of the instructor, can carry them with profit.

COURSES IN ZOOLOGY.

PROFESSOR HERRICK.

1. *Human Physiology*.—Lectures and recitations devoted largely to the elements of personal hygiene. Required of Classical students. Four hours, Friday excepted. Spring Term, 11 A. M.

4. *Invertebrate Zoology*.—Systematic and theoretical Zoology. Prerequisite, Academy Physiology or its equivalent. Sophomore, Winter Term. Fee, \$2.00. Lectures and recitations on Monday and Thursday at 1:30; laboratory, Wednesday and Friday, 1:30 to 3:30.

5. *Vertebrate Zoology*.—Continuation of Course 4, which is prerequisite. Sophomore, Spring Term. Fee, \$2.00. Lectures and recitations on Tuesday and Wednesday at 1:30; laboratory, Monday and Thursday, 1:30 to 3:30.

6. *Comparative Anatomy and Histology*.—Courses 6, 7 and 8 form a continuous year's work on the comparative study of the organs and tissues of the vertebrates. Course 6 includes a review of the elements of mammalian anatomy, accompanied by dissections, and an introduction to general histology. Prerequisite Z4, 5; C1. Junior, Fall Term. Fee, \$2.00. Lectures and recitations Wednesday and Friday at 11; laboratory, Monday, Tuesday and Thursday, 10 to 12.

7. *Comparative Anatomy and Histology*.—Vertebrate Neurology. Prerequisite, Z6. Junior, Winter Term. Fee, \$2.00. Lectures on Monday, Wednesday and Friday at 11; laboratory, Tuesday and Thursday, 10 to 12.

8. *Comparative Anatomy and Histology*.—Cytology and special histological manipulation; theoretical biological problems. Prerequisite, Z6. Junior, Spring Term. Fee, \$2.00. Lectures on Tuesday, Wednesday and Friday at 9; laboratory, Monday and Thursday, 9 to 11.

9. *Embryology*.—Lectures and laboratory work on the comparative embryology of vertebrates. Prerequisite, Z6. Senior, Fall Term. Fee, \$2.00. Lectures on Tuesday and Thursday at 1:30; laboratory, Monday, Wednesday, Friday, 1:30 to 3:30.

11. *Physiological Psychology*.—Lectures devoted chiefly to the comparative physiology of the nervous system and especially of the sense organs, with an introduction to the methods of physiological psychology. Prerequisite, Z5, Ph3, with Z7 strongly advised. Senior, Winter Term. Wednesday and Friday at 10.

12. *Psychological Laboratory*.—Parallel with Course 11, by which it must be accompanied or preceded. A laboratory study of sensation from both physiological and psychological points of view, based on Sanford's *Course in Experimental Psychology*, with practice in the taking of reaction times, etc., for which the necessary chronoscope, kymograph and accessories are provided. Senior, Winter Term. Fee, \$2.00. Three two hour laboratory periods at hours to be arranged individually.

14. *Advanced Biology*.—An introduction to the methods of biological research. Special topics assigned for laboratory and bibliographic study. Prerequisite, Z6. The same theme may be continued in

Course 13 in the Spring Term following. Fee, \$2.00. Senior, Winter Term. Wednesday and Friday at 10, with three additional two hour laboratory periods arranged individually.

Ordinarily Courses Z11-12 and Z14 will not both be given in any one year.

13. *Thesis in Biology*. — Students electing their major work in Biology may by special arrangement secure a five hour credit in the Senior year, Spring Term, for a thesis on some assigned topic. Hours arranged individually.

COURSES IN BOTANY.

INSTRUCTOR STICKNEY.

2. *Cryptogamic Botany*. — A comprehensive review of the morphology, development, and types of reproduction of the main groups of the lower plants, including Bacteria. Lectures, laboratory and field work. Prerequisite: Preparatory Botany, Chemistry and Physics. Junior, Fall Term. Fee, \$2.00. Lectures Wednesday and Thursday, 1:30 P. M. Laboratory, Monday, Tuesday and Friday, 1:30 to 3:30 P. M.

3. *Morphology and Histology of Flowering Plants*. — A study of the cell and its modifications, and of the various tissues of the higher groups of plants, with special reference to the technique of Microscopic study. Lectures and laboratory work. Prerequisite: Preparatory Botany, Chemistry and Physics, with Botany 2 advised. Junior, Winter Term. Fee, \$2.00. Lectures, Monday and Wednesday, 1:30 P. M. Laboratory, Tuesday, Thursday and Friday, 1:30 to 3:30.

4. *Physiology and Ecology of Flowering Plants.*

— Including nutrition, respiration, growth, movement and reproduction. Lectures and laboratory work. Prerequisite, Bot. 3, Chem. 1, Physics 1. Junior, Spring Term. Fee, \$2.00. Lectures, Tuesday and Wednesday, 1:30 P. M. Laboratory, Monday, Thursday and Friday, 1:30 to 3:30 P. M.

RHETORIC AND ENGLISH LITERATURE.

PROFESSOR WILLIAMS.

MISS MONTGOMERY.

Throughout the course, which extends over four years, the study of Rhetoric is pursued in combination with the study of literature, American and English. Instruction is given by text book and by notes from the teacher. Themes are required from the beginning to the end of the course. Students are made acquainted with the principles of literary criticism, and are encouraged to develop intelligent appreciation of the best that has been thought and written in English from Cædmon to the present time. A number of electives are offered during the Junior and Senior years. All members of the Senior class are required to appear in public exhibitions during the Winter Term, the gentlemen with orations and the ladies with essays.

The following courses are given:

1 a, b and c. *Rhetoric and American Literature.*— Genung's *Working Principles of Rhetoric* and Pattee's *American Literature*. Four hours throughout the Freshman year, Wednesday excepted in Fall and Spring, Monday excepted in Winter, 2:30 P. M.

2 a, b and c. *English Literature.*— *Lewis's Be-*

ginnings of English Literature and Chaucer's *Prologue and Knight's Tale* (Morris edition) for Fall and Winter Terms; The *Faery Queene*, Book 1 (Kitchen's edition) and Notes on Elizabethan Literature for the Spring Term. Every Tuesday throughout the Sophomore year. Fall and Winter Terms, 1:30 P. M.; Spring Term, 11 A. M.

3. *Elizabethan Literature*.—An elective course based on Professor Saintsbury's book. Spring Term. Monday, Wednesday and Friday, 11 A. M. Miss Montgomery.

4. *Anglo-Saxon*.—Sweet's *Anglo-Saxon Primer* and Bright's *Anglo-Saxon Reader*. Elective, five hours, Winter Term, 10 A. M. Miss Montgomery.

5. *English Literature*.—Thayer's *Best Elizabethan Plays* and Notes on Elizabethan Literature. Junior, Fall Term, Wednesday, 2:30 P. M.

6. *The English Novel*.—Stoddard's *Evolution of the English Novel*. Elective, Fall Term, Monday, Wednesday and Friday, 7:40 A. M. Miss Montgomery.

7. *English Literature*.—Shakespeare, and Notes on the Drama. Junior, Winter Term. Monday, 2:30 P. M.

8. *Shakespeare*.—Elective with Course 5 prerequisite, Winter Term. Wednesday, Thursday and Friday, 11 A. M.

9. *Milton*.—Minor Poems and Corson's *Introduction to Milton's Prose Works*. Junior, Spring Term, Wednesday, 2:30 P. M.

10. *Later American Writers*.—Elective, Spring Term. Monday, Wednesday and Thursday, 1:30 P. M.

11. *English Literature*. — Notes and Winchester's *Principles of Literary Criticism*. Representative authors from Milton to Tennyson. Five hours, Senior, Fall Term, 11 A. M.

12. *English Literature*. — Authors of the last half of the Nineteenth Century. Elective, Winter Term, Monday, Wednesday and Friday, 1:30 P. M.

13. *Rhetoric*. — *Essays and Orations*. Senior, Winter Term. Thursday, 1:30 P. M.

14 a and b. *Poetics*. — Gummere's *Poetics* and Notes. This course is designed to give a technical knowledge of poetry and to develop an appreciation of the English Classics. Elective, Fall and Winter Terms, Monday and Thursday, 11 A. M. Miss Montgomery.

15. *Short Story*. — Study of the technique of the short story; critical analysis of the best modern writers and original work. Elective, Spring Term, twice a week. Hours to be arranged. Miss Montgomery.

Of the above courses numbers 1, 2, 5, 7, 9, 11 and 13 are required of all candidates for degrees. Courses 3, 4, 6, 8, 10, 12, 14 and 15 are elective and open to those who, in the judgment of the instructor, are prepared to pursue them with profit.

LATIN LANGUAGE AND LITERATURE.

PROFESSOR JOHNSON.

Of the following courses, numbers 1-5 and 7 are required of all applicants for the degree of A. B. Applicants for the degree of B. Ph. who elect Latin as their major language are required to take courses 1-6. Applicants for the degree of B. S. in the Latin division must take courses 1-3. Courses 6 to 12 are open as

electives to all who have had courses 1-5. Scientific students who have elected the Latin of the Freshman year may elect further courses if desired, but at least two of the Sophomore courses (4, 5, 6) must be taken in advance of any of the later courses.

1. *Livy*.—Books XXI and XXII. The entire text of the two books is covered, either as assigned work or as sight reading. Four hours per week, Friday excepted. Freshman, Fall Term, 7:40 A. M.

2. *Letters of Cicero*.—Selections chosen to illustrate the private life and political position of the author. Four hours, Monday excepted. Freshman, Winter Term, 7:40 A. M.

3. *Odes and Epodes of Horace*.—Informal lectures on Latin poetry. Four hours, Thursday excepted. Freshman, Spring Term, 7:40 A. M.

4. *The Roman Stage*.—The *Captivi* and *Trinummus* of Plautus and the *Phormio* of Terence are the plays usually read. Four hours, Friday excepted. Sophomore, Fall Term, 9 A. M.

5. *Tacitus*.—The text chosen is usually the first six books of the *Annals*, but occasionally the *Agricola* and *Germania* are substituted. Attention is directed especially to the political life of the early empire. Four hours, Monday excepted. Sophomore, Winter Term, 9 A. M.

6. *Letters of Pliny*.—Primarily for Philosophical students who elect Latin as their major language, but open to others as indicated in statement introductory to this enumeration of courses. Four hours, Monday excepted. Sophomore, Spring Term, 1:30 P. M.

7. *Rhetoric and Literary Criticism of the Romans*.—Readings from Quintilian, Tacitus, Horace and Cicero. The relation of Greek and Roman ideas to present day problems of Rhetoric and Literary Criticism. Five hours. Junior, Fall Term, 1:30 P. M.

8. *The Roman Elegiac Poets*.—Selections from Catullus, Tibullus, Propertius and Ovid.* The history of Elegiac Poetry. Five hours, Junior or Senior, Winter Term, 10 A. M.

9. *Course Preparatory to Teaching*.—Methods of teaching will be discussed, with readings from authors usually studied in preparatory schools. Five hours, Junior or Senior, Spring Term, 9 A. M.

10-12. *Virgil*.—A two hour course throughout the school year 1904-5. A study of the poems of Virgil and their place in the history of literature from points of view which cannot be emphasized in the preparatory course to which the study of Virgil is usually confined. Open to Juniors and Seniors. 2:30 P. M., Monday and Thursday in Fall and Spring, Tuesday and Thursday in Winter.

PHYSICS.

PROFESSOR CHAMBERLAIN.

The courses in Physics are arranged for four classes of students. 1. Applicants for the degree of B. S. and B. Ph., who are taking their major work in other departments. Courses 1-5 are required. 2. Applicants for the degree of B. S., who desire to take their major work in Physics. Courses 1-10 are required. 3. Applicants for the degree of A. B., who desire to elect one or more courses in Physics will find

courses 1-8 open to their election. 4. Students who desire to take a technical course in electrical or mechanical engineering. The best education for such engineers is one in which the liberal culture of a college course precedes the training of the technical school, but many cannot afford to spend the time required to complete both college and technical courses.

The best technical schools require many subjects taught in the college of Liberal Arts. Without them an engineer cannot lead in his profession. A course including all the non-technical studies of the best technical schools has been arranged for students who enter college and take their major work in Physics. The successful completion of this course will fit a student to enter the third year of the technical school, and thus earn both the college and the technical degree in six years. Those who desire to elect this pre-technical group of studies should confer with the Professor of Physics not later than the close of the first term of the Freshman year.

The following courses are offered:

1. *Mechanics and Sound*.—Lectures and recitations based upon Hastings and Beach's *General Physics*. Laboratory work based upon Ames and Bliss. Prerequisite, Mathematics 2, with Mathematics 3 strongly advised. Fee, \$1.00. Required of candidates for the B. S. and B. Ph. degrees; elective for A. B. Juniors and Seniors. Sophomore, Fall Term. Recitation hours, Tuesday and Thursday, 10 A. M.; laboratory hours, Wednesday, 10-12, Friday, 9-11 A. M.

2. *Heat and Light*.—Lectures and recitations

based upon Hastings and Beach's *General Physics*. Required for B. S. and B. Ph. degrees; elective for A. B. Juniors and Seniors. Sophomore, Winter Term, Tuesday and Thursday, 10 A. M.

3. *Heat and Light*.—Laboratory course, two hours per day. Method and text-book as in Course 1. Course 2 must precede or accompany this course. Fee, \$1. Required of candidates for B. S. and B. Ph. degrees in the Sophomore year; elective for Classical Juniors and Seniors. Winter Term. Monday, 9-11, Wednesday, 10-12.

4. *Electricity and Magnetism*.—Lectures and recitations based upon Hastings and Beach's *General Physics*. Required of B. S. and B. Ph. students in the Sophomore year; elective for Classical Juniors and Seniors. Spring Term, Monday and Thursday, 11 A. M.

5. *Electricity and Magnetism*.—Laboratory course, two hours per day. Method and text-book as in Course 1. To be preceded or accompanied by Course 4. Required of candidates for B. S. and B. Ph. degrees in the Sophomore year; elective for Classical Juniors and Seniors. Fee, \$1. Spring Term. Wednesday and Friday, 10-12.

6. *Advanced Laboratory*.—General Physical Processes, based upon Stewart and Gee. Prerequisite, 1 and Mathematics 1-5. Required of students taking their major work in Physics. Fee, \$1. Junior, Fall Term. Monday and Tuesday, 1:30-3:30.

7. *Electrical Measurements*.—One recitation and two laboratory exercises per week based upon Carhart and Patterson. Prerequisite, 1-5 and Mathe-

matics, 1-5. Required of students taking their major work in Physics. Fee, \$1. Junior, Winter Term. Tuesday, 1:30; Wednesday and Friday, 1:30-3:30.

8. *Electrical Measurements.*—Two laboratory exercises per week, based upon Carhart and Patterson. Prerequisite, 1-5, Mathematics, 1-5. Must be preceded or accompanied by 7. Required of students taking their major work in Physics. Junior, Winter Term. Tuesday and Thursday, 1:30-3:30.

9. *Direct Current Dynamos.*—Lectures and recitations based upon D. C. Jackson's text-book. Course given every other year, alternating with 11. Given in 1905. Prerequisite, 8 and Mathematics, 5. Required of students taking their major work in Physics. Senior, Fall Term. Monday, Tuesday, Thursday, 9 A. M.

10. *Direct Current Dynamos.*—Laboratory work, including measurements of permeability, characteristic curves, efficiency tests, management of direct current electric plant, etc. Required of students taking their major work in Physics. Prerequisite, 9 and Mathematics, 5. Fee, \$1. Senior, Fall Term. Wednesday and Friday, 1:30-3:30.

11. *Alternating Current Dynamos.*—Lectures and recitations based upon Franklin and Williamson. Alternates with 9. Given in 1904. Prerequisite, 8 and Mathematics, 5. Senior, Fall Term. Monday, Wednesday, Thursday, 9 A. M.

12. *Alternating Current Dynamos.*—Laboratory work, including measurements of impedance, self-induction, power, characteristic curves, transformer tests, study of condensers, calibration of instruments,

etc. Fee, \$1. Prerequisite, 8 and Mathematics, 5. Senior, Fall Term. Tuesday, Friday, 1:30-3:30.

13. *Advanced Light*.—Lectures and recitations based on Preston's *Theory of Light*. Given in 1906, and alternating with 15. Prerequisite, 3 and Mathematics, 6. Senior, Winter Term. Monday, Tuesday, Thursday, 11 A. M.

14. *Advanced Light*.—Laboratory work based on Mann's *Optics*, including measurements with the Fresnel mirrors and bi-prism, Rowland grating, the prism spectrometer, the Michelson and Morley interferometer, the compound interferometer, etc. Prerequisite, 3 and Mathematics 6. Fee, \$1. Senior, Winter Term, Wednesday and Friday, 1:30-3:30.

15. *Advanced Heat*.—Lectures and recitations based on Maxwell's *Theory of Heat*. Given in 1905, and alternating with 13. Prerequisite, 3 and Mathematics, 6. Senior, Winter Term. Tuesday, Thursday and Friday, 11 A. M.

16. *Advanced Heat*.—Laboratory course. Prerequisite, 3 and Mathematics, 6. Fee, \$1. Senior, Winter Term. Monday and Wednesday, 1:30-3:30.

17. *Physical Manipulation*.—Laboratory course open only to students taking their major work in Physics. Instruction is given in wood and metal working, glass blowing, cutting, grinding, polishing and silvering, preparation of quartz fibre, etc. Junior and Senior, Winter Term. Saturday, 8-12.

18. *Thesis in Physics*.—Students who are credited with twenty-eight units in Physics and have shown ability to profit by such a course will be assigned some subject for original investigation, under the immediate supervision of the head of the department. Senior, Spring Term. Three hours per day.

CHEMISTRY.

INSTRUCTOR CLARK.

1. *General Chemistry*.—An elementary course for those who have had little or no work in chemistry. Two recitations or lectures and two two hour laboratory periods per week. Prerequisite, one term of Preparatory Physics. Required of B. S. Freshmen who do not present chemistry in fulfillment of entrance requirements. Elective for A. B. Sophomores and Juniors. Fee \$2. Fall Term. Monday and Friday, 11 A. M.; Tuesday and Thursday, 10-12 A. M.

2, a and b. *General Chemistry*.—(Continuation of Course 1.) This course extends through both Winter and Spring Terms, giving two credits for the former and four in the latter term. Credit will not be given for the Winter Term section of this course when taken alone. But students not wishing to elect the full year of chemistry will be permitted to take the Winter Term section of Course 2 in conjunction with either Course 1 in the Fall Term, or the Spring Term section of Course 2. Course 2 is open in the same way as Course 1 as a requirement or elective except that it requires Course 1 or an equivalent as a prerequisite. Fee, Winter Term, \$1; Spring Term, \$2. Winter Term, Wednesday, 10 A. M.; Friday, 9-10 A. M.; Spring Term, Tuesday and Thursday, 11 A. M., Monday, 9-11 A. M., Friday, 10-12 A. M.

3. *Elementary Physical Chemistry*.—Three lectures and recitations and one two-hour laboratory period per week taking up the phenomena accompanying chemical changes. Prerequisites, Preparatory

Physics, Chemistry 2 and Mathematics 3. Required of B. S. students. Fee, \$1. Sophomore, Fall Term. Monday, 9 and 11 A. M.; Tuesday, Wednesday, Thursday, 9 A. M.

4. *Organic Chemistry*.—Three lectures or recitations and one two-hour laboratory period per week upon the paraffin series and a few of the unsaturated compounds most nearly related to that series. Prerequisite, Course 2 with 3 advised. Fee, \$1. Spring Term. Monday, 7:40 and 9 A. M.; Tuesday, Thursday and Friday, 7:40 A. M.

5. *Inorganic Preparations*.—Three two-hour laboratory periods per week devoted to the preparation of typical salts. This course should be accompanied by 6. Students may be permitted to take it without that course at the discretion of the instructor. Prerequisite, Courses 1-3. Fee, \$3. Fall Term, Monday, 9-11 A. M.; Tuesday and Thursday, 10-12 A. M.

6. *Advanced Inorganic Chemistry*.—A rapid review of the chemistry of the non-metals. Lectures or recitations twice a week. Prerequisite Course 3. It is also desirable that this course be accompanied by 5. Fall Term, Wednesday and Friday, 10 A. M.

7. *Qualitative Analysis*.—A laboratory course of four two-hour periods per week. Prerequisite, Course 3 with 8 advised, as an accompaniment. Fee, \$3. Winter Term. Monday, Tuesday, Wednesday, Thursday, 10-12 A. M.

(By special arrangement this course may be taken in the Fall Term as a three-hour course by students whose Winter Term schedule will not allow of their taking it at the regular time. However the instructor

reserves the right to limit the number who may take the course in this way.)

8. *Advanced Inorganic Chemistry*.—Lectures or recitations once a week in continuation of Course 6, having for their subject the metals. Must be accompanied by Course 7. Prerequisite, Course 6. Winter Term, Friday, 11 A. M.

9. *Quantitative Analysis*.—Laboratory work eight hours (4 periods) per week. Prerequisite Course 7, and should be accompanied by Course 10. Fee, \$3. Spring Term, 9-11 A. M., Monday, Tuesday, Thursday; 9 A. M. Friday, and another hour to be arranged for individually. (May also be taken in fall or winter as 7 above.)

10. *Theoretical Chemistry*.—A review of the atomic and molecular hypothesis, with numerous problems in stoichiometry. One lecture or recitation per week. Prerequisite, Course 8, and must be accompanied by Course 9. Spring Term, Wednesday, 9 A. M.

11 and 13. *Advanced Laboratory*.—Six hours (3 periods) per week. The details of the work will depend largely upon the aims and needs of the student. Prerequisite, Course 9. Fee, \$3. Fall Term, Monday, Tuesday, Thursday, 1:30-3:30 P. M.; Winter Term, Monday, Tuesday, Thursday, 10-12 A. M.

12 and 14. *Advanced Physical Chemistry*.—Two lectures or recitations per week. Prerequisite, Course 10. Fall Term, Wednesday and Friday, 1:30 P. M.; Winter Term, Wednesday and Friday, 11 A. M.

GEOLOGY.

PROFESSOR WATSON.

The department of Geology offers the following courses of instruction:

A. Physical Geography.

1. *Physical Geography*.—Lectures and recitations, accompanied by field and laboratory work in elementary meteorology and physiography. Required of all B. S. students. Freshman, Fall Term. Tuesday, Thursday, 10 A. M.; laboratory, Monday, Friday, 10-12 A. M.

B. Geology.

3. *Dynamic and Structural Geology*.—Lectures and recitations accompanied by field and laboratory work. Prerequisite, Physics 1, and Chemistry 1-2. Sophomore, Spring Term, Monday, Tuesday, Thursday, 10 A. M.; laboratory, Friday 1:30-3:30 P. M.

4. *Historical Geology*.—Lectures and recitations accompanied by field and laboratory work. Prerequisite, Geology 3, Botany 1, Zoology 4. Junior, Fall Term, Monday, Tuesday, Thursday, 1:30 P. M.; laboratory, Wednesday and Friday, 1:30-3:30 P. M.

5. *Physiographic Geology*.—Lectures and recitations accompanied by field and laboratory work. Prerequisite, Geology 3, Botany 1, Zoology 4. Senior, Fall Term, Monday, Tuesday, Thursday, 2:30 P. M.; laboratory, Wednesday, Friday, 7:40-10 A. M.

6. *General Economic Geology*.—Lectures, recitations and laboratory work. A general study of the origin and nature of the metallic and non-metallic products of commercial value, with special emphasis upon those of the United States. Geology 3, 8-9 and Chem-

istry, 9-10 prerequisite. Senior, Spring Term. Hours to be arranged.

C. Mineralogy and Lithology.

7. *Crystallography*. — Lectures and recitations accompanied by laboratory work. Prerequisite, Physics, 2-3. Junior, Winter Term, Monday and Wednesday, 1:30 P. M.; laboratory, Tuesday, Thursday, Friday, 1:30-3:30 P. M.

8. *Mineralogy*. — Lectures and recitations accompanied by laboratory work. Prerequisite, Geology 3 and 7, Chemistry 6, 7-8, Physics 1. Fee \$3. Junior, Spring Term, Monday, Tuesday, Thursday, 11 A. M.; laboratory, Wednesday, Friday, 10-12.

9. *Lithology*. — Lectures and recitations accompanied by laboratory work. Prerequisite, Geology 8, Chemistry 9-10. Fee \$3. Senior, Winter Term, Wednesday and Friday, 11 A. M.; laboratory, Monday, Tuesday and Thursday, 10-12 A. M.

GERMAN LANGUAGE AND LITERATURE.

PROFESSOR WILLIS CHAMBERLIN.

The aim of the courses is to give a ready knowledge of German and an insight into the life and thought of the German people. German is treated as a living language, and immediate contact with it is cultivated through various kinds of oral and written exercises. Interest is stimulated by reference to the history and present conditions of Germany. In the elementary courses special attention is given to linguistic drill. As the courses advance, the study of the literature claims increasing attention. Supplementary reading is encouraged and themes are required, embracing re-

sults of independent study. The highest courses include a general study of German literature and particular study of certain periods and authors.

Of the following courses, candidates for the A. B. degree are required to take course 1, in the Sophomore year. Candidates for the B. S. degree must take at least courses 1-3. Candidates for the B. Ph. degree who elect German as their major language must take at least courses 1-6. In the elementary courses, (1-3) reading and translating are accompanied by drill on inflections and grammatical principles, study of words, and oral and written composition.

1. German Grammar and Reader. Four hours, Tuesday excepted. Fall Term, 1:30 P. M.

2. Grammar and Reader continued. Stories from Baumbach and other modern writers. Four hours, Monday excepted. Winter Term, 11 A. M.

3. *Novellen* by Seidel, Storm or other recent writers; Schiller's *Das Lied von der Glocke*. Four hours, Monday excepted. Spring Term, 9 A. M.

4. Rapid review of grammar; reading of standard prose from modern authors; for 1904, Riehl's *Der Fluch der Schoenheit*, Dahn's *Ein Kampf um Rom*, (Wenckebach's abridged edition), sight reading from Kron's *German Daily Life*; Wesselhoeft's *German Composition* and dictation. Five hours, Fall Term, 7:40 A. M.

5. Introduction to the German Drama. Three of the classic dramas are read; for 1905, Schiller's *Wilhelm Tell* and *Maria Stuart*, Lessing's *Minna von Barnhelm*; study of principles of the drama, themes and reviews in German. Five hours, Winter Term, 7:40 A. M.

6. Poetry, including Goethe's *Hermann und Dorothea*; Hatfield's *German Ballads and Lyrics*, with study of classicism and romanticism; modern prose, for 1904. Freytag's *Soll und Haben*, (Files' abridged edition) sight reading from modern comedy. Five hours, Spring Term, 7:40 A. M.

7. Schiller's Life and Works; *Geschichte des dreissigjahrigen Krieges*; portions of Schiller's early dramas; *Wallenstein*; Robertson's *Correspondence between Schiller and Goethe*. Elective for Seniors and Juniors. Fall Term, Monday, Wednesday, Thursday, 9 A. M.

Course 7 alternates with a course on Lessing's Life and Works, including his *Nathan der Weise*, *Emilia Galotti*, and selections from his *Literaturbriefe*, *Hamburgische Dramaturgie*, and Letters.

8. Goethe's Prose and Poetry. Beginning with his *Dichtung und Wahrheit*, Goethe's development as a poet is studied, with selections from his prose and poetic works, concluding with *Faust I*. Lectures by the instructor. Elective for Seniors. Monday, Tuesday and Thursday, Winter Term, 10 A. M.

9. Goethe's Works, continued; *Faust II*. Elective for Seniors who have had Course 8. Spring Term, Monday, Wednesday and Friday, 10 A. M.

10. German Literature. Moore's *German Literature*, supplemented by lectures; selections from Müller's *German Classics* and supplementary readings in German and English. Elective for qualified students, Wednesday and Friday, Winter Term, 10 A. M.

11. German Literature continued. Literary movements since 1750. Elective as Course 10, Spring Term, Tuesday and Thursday, 10 A. M.

12. Teachers' course in German; lectures on aims and methods of Modern Language Study, practice lessons and classroom discussions. Elective for Seniors. Spring Term, Wednesday and Friday, 11 A. M.

HISTORY AND POLITICAL SCIENCE.

PROFESSOR GODDELL.

Throughout the work in History it will be the purpose to supplement the lectures and recitations with reports from the class on topics assigned for individual investigation. Research work is considered a matter of prime importance to the student in this department and will be rigidly required of all who desire credits therein.

Sophomores in Classical Course are required to take Courses 1, 2 and 3.

1. *Medieval Europe*. — From fall of Rome to beginning of religious wars. Special attention will be given to the causes leading to the Reformation. Following this will be a somewhat detailed study of the Reformation itself. Fall Term. Four hours, Wednesday excepted, 2:30 P. M.

2. *Modern Europe*. — Open to those who have had Course 1. Continues Course 1 to the Congress of Vienna, with special emphasis on such topics as the Thirty Years' War, development of French Absolutism, French Revolution and Napoleonic Wars. Four hours, Winter Term, Monday excepted, 2:30 P. M.

3. *Nineteenth Century*. — Beginning with the Congress of Vienna, the aim will be to trace the growth of representative institutions and the organiza-

tion of National Governments. Some attention will also be given to diplomatic history but only as this bears on problems of internal government. Spring Term. Four hours, Wednesday excepted, 2:30 P. M.

4. *Foundation of American Union.* — From the adoption of the Constitution to close of Jackson's administration. This and following course presuppose a certain degree of maturity on the part of the student and a knowledge of the ordinary methods of historical research. Five hours, Fall Term, 9 A. M.

5. *Civil War and Reconstruction.* — Continues Course 4, which is a prerequisite to 5. Five hours, Winter Term, 1:30 P. M.

6. *International Law.* — A study of the general principles of International Law in connection with some of the leading cases as found in Snow's Cases. Preliminary to Course 9. Five hours, Spring Term, 9 A. M.

7. *Constitutional Law.* — Open to Juniors and Seniors, and others at discretion of instructor. In connection with a study of the principles of Constitutional Law, a careful study will be made of some of the leading cases which have given the Constitution its present development. The aim will be to teach the student to interpret the Constitution for himself, to the end that he may be the better fitted to perform the duties of citizenship. Five hours. Fall Term, 7:40 A. M.

8. *Economics.* — An investigation of the leading principles of Political Economy. Lectures, recitations and reports on assigned topics. Required of Classical and Philosophical Seniors. Five hours, Winter Term, 7:40 A. M.

9. *American Diplomatic History.*—A study of the leading features of our foreign policy from the Declaration of Independence to the present time. Should be preceded by Courses 4, 5 and 6. Five hours. Spring Term, 7:40 A. M.

HISTORY OF ART.

MISS BARKER.

The aim of these courses is not only to give the student a knowledge of the art history of the world and to fit him for foreign travel, which in this day has become so essential a factor in one's training and culture, but to lead him through a knowledge of the fundamental principles of aesthetics, to a truer appreciation of that which is good in the world of fine arts. A valuable History of Art library is at the disposal of the members of the class. Note books are used throughout the year for lectures; maps, cathedral plans, and photographs of the master-pieces under consideration are provided.

The courses enumerated below are all elective for Juniors and Seniors.

1. *History of Painting.*—Hoyt's *World's Painters* is used as a text book. The aim of this course is to study the history of painting by epochs. Beginning with the Gothic period of Italian Art ushered in by Cimabue and his followers, a careful study is made of the gradual evolution of painting, through the Renaissance and Decadent Periods of Italian Art, laying special stress upon the works of those men in whom the High Renaissance spirit of Italian painting reached its culmination. The second half of the term's work is spent upon the other great national schools of art,

with concluding lessons on American painting. Five hours. Fall Term, 10 A. M.

2. *History of Architecture*.—Text-books, Hamlin's *History of Architecture* and Bell's *Description and Itinerary of English Cathedrals*. After a general introduction to the history of architecture, and a consideration of the relations of architecture, sculpture and painting, the study is taken up by periods, beginning with the old Empire of Egypt and continuing through the Renaissance in Europe. A series of lessons follows on the Architecture of English Cathedrals. The term's work concludes with a study of recent architecture in Europe and the United States. The aim is to give a general view of the historic styles of architecture and a thorough understanding of their essential elements. The evolution of these styles is noted, with a careful study of their constructive and decorative principles. Five hours, Winter Term, 11 A. M.

3. *History of Sculpture*.—Text-book, Marquand and Frothingham's *History of Sculpture*. As the history of sculpture is mainly a history of the influence of Greek art on later times, most of the term's study is devoted to the sculpture of Greece and a comparison of its sculpture with that of other countries and epochs. To this is added elementary instruction in the criticism of sculpture. Five hours, Spring Term, 10 A. M.

ABBREVIATIONS.

The following abbreviations occur in the succeeding pages, chiefly in the Schedule of recitation, lecture and laboratory hours:

DEPARTMENTS OF STUDY.

Intellectual and Moral Philosophy	Ph.
Mathematics	M.
Astronomy	A.
Civil Engineering	CE.
Greek	Gr.
German	Ger.
French	F.
Italian	I.
Spanish	S.
Chemistry	C.
Physics	P.
Geology	G.
Botany	Bot.
Zoology	Z.
Rhetoric and English Literature	E.
Latin	L.
History and Political Science	H.
History of Art	HA.

CLASSES.

Freshman	F.
Sophomore	S.
Junior	J.
Senior	Se.

DAYS.

Monday	M.
Tuesday	T.
Wednesday	W.
Thursday	Th.
Friday	F.

COURSES OF STUDY.

The unit of work is one hour of lecture or recitation work per week throughout a term. *In laboratory work a two-hour period counts as one unit.* Without special permission to do otherwise, each student is expected to take not less than thirteen nor more than eighteen units of work in any one term. For aid in choosing electives, the student will consult the schedules for the respective terms, which will be found a few pages further on.

To insure the organization of classes in purely elective studies, the student must announce his election of any given study to the Professor or Instructor concerned thirty days previous to the close of the preceding term.

I. FOR THE DEGREE OF BACHELOR OF ARTS.

REQUIRED STUDIES.

The numerals following names of studies, refer to the numbered courses described under the statements of the various departments of study immediately preceding.

FRESHMAN YEAR.

Fall Term—English 1a, Greek 1, Latin 1, Mathematics 1

Winter Term—English 1b, Greek 2, Latin 2, Mathematics 2

Spring Term—English 1c, Greek 3, Latin 3, Physiology (Z1) or Analytics (M3)

SOPHOMORE YEAR.

Fall Term—English 2a, Greek 4, Latin 4, History 1

Winter Term—English 2b, Greek 5, Latin 5, History 2

Spring Term—English 2c, Greek 6, History 3

JUNIOR YEAR.

Fall Term—English 3, Latin 7

Winter Term—English 7, Philosophy 1

Spring Term—English 9

SENIOR YEAR.

Fall Term—English 11, Philosophy 2 and 3

Winter Term.—Economics (H8), English 13, Philosophy 4.

Spring Term.—Philosophy 5 and 6.

ELECTIVE STUDIES.

Taking one hour a week of lecture or recitation work throughout a term as the unit, 185 units of work are necessary to the completion of the course. Of this number, 122 units are prescribed, as above. From the elective studies offered in the various departments, as above described, 63 additional units must be chosen, distributed as follows: *Sophomore*, from 4 to 19 units; *Junior* from 26 to 41 units; *Senior*, from 13 to 28 units. Of these elective units there must be at least four in French, four in German, four in Physiology, and ten in consecutive work in some one department of Scientific study.

II. FOR THE DEGREE OF BACHELOR OF SCIENCE.

Required Courses.

FRESHMAN YEAR.

Fall Term.—English 1a, Mathematics 1, German, French or Latin (4 hrs.), Botany 1 or Chemistry 1.

Winter Term.—English 1b, Mathematics 2, German, French or Latin (4 hrs.), Mechanical Drawing (CE), Chemistry 2a or Geology 1.

Spring Term.—English 1c, Mathematics 3, German, French or Latin (4 hrs.), Chemistry 2b or Geology 2.

SOPHOMORE YEAR.

Fall Term.—English 2a, German or French (4 hrs.), Chemistry 3, Physics 1.

Winter Term.—English 2b, German or French (4 hrs.), Physics 2, Zoology 4 or Descriptive Geometry (CE 2).

Spring Term.—English 2c, German or French (4 hrs.), Geology 3, Physics 3, Surveying (CE 3) or Zoology 5 or Chemistry 4.

JUNIOR YEAR.

Winter Term.—Philosophy 1.

SENIOR YEAR

Fall Term. — English 11, Philosophy 2 and 3.

Winter Term. — English 13, Philosophy 4.

Spring Term. — Philosophy 5 and 6.

During the Junior and Senior years each candidate must take not less than 35 nor more than 50 term hours in Science. Of this amount not less than 20 nor more than 35 term hours must be selected from some one of the departments, Biology (B), Chemistry (C), Civil Engineering (CE), Geology (G), Physics (P). 185 units, or term hours, are required for graduation; the balance of time not provided for by the requirements of the preceding table being open to free election. Elections should be announced by the student to the instructor in charge of the study concerned thirty days previous to the end of the preceding term, in order to insure the formation of classes.

III. FOR THE DEGREE OF BACHELOR OF PHILOSOPHY.

The applicant for this degree must in every case have had the same amount of preparatory Latin as is required for entrance to Freshman Latin. He must elect upon entrance a Major Language, which may be either Latin, French, German, or Greek, in case he presents preparatory Greek for entrance. In this Major Language he must take two years of consecutive work, and previous to graduation he must elect not less than two years more of foreign language work, such election to be made in consultation with the head of the department in which his Major Language is taken.

Required Studies.

FRESHMAN YEAR

Fall Term. — English 1a, Major Language 1, Mathematics 1.

Winter Term. — English 1b, Major Language 2, Mathematics 2.

Spring Term. — English 1c, Major Language 3, Mathematics 3.

SOPHOMORE YEAR.

Fall Term. — English 2a, Major Language 4, Physics 1.

Winter Term. — English 2b, Major Language 5, Physics 2-3.

Spring Term. — English 2c, Major Language 6, Physics 4-5.

JUNIOR YEAR.

Fall Term. — English 5.

Winter Term. — English 7, Philosophy 1.

Spring Term. — English 9.

SENIOR YEAR.

Fall Term. — English 11, Philosophy 2 and 3.

Winter Term. — Economics (118), English 13, Philosophy 4.

Spring Term. — Philosophy 5 and 6.

Total of prescribed work, 97 units.

Elective Studies.

At least 88 units of elective work must be chosen, distributed as follows: Freshman year, 3 to 18 units; Sophomore, 13 to 27 units; Junior, 31 to 46 units; Senior, 13 to 28 units. Of this elective work at least two years (not less than 24 units) must be in foreign language work, as indicated in the paragraph immediately preceding the table of required studies.

SCHEDULE—Fall Term.

Year	Name of Course	Course Number	Prerequisite	Required of	7:40	9:00	10:00	11:00	1:30	2:30
Freshman	English	Elia		All						
	French*	F1		B.S.						
	German*	Ger1		B.S.						
	Greek	Gr1	Prep. Greek	A.B.		M, T, Th, F			M, T, W, Th	M, T, Th, F
	Latin	L1	Prep. Latin	A.B.	M, T, W, Th				M, W, Th, F	
	Algebra (2 sec.)	M1	Prep. Math	All		T, W, Th, F	T, W, Th, F			
Sophomore	Phys. Geog. (Chemistry)	G1		B.S.			T, Th			
		C1						M, T, Th, F		
		C1						M, T, Th, F		
	English	Elia		All						
	French*	F1			M, T, W, Th				T	
	German*	Ger1			5					
Junior	Greek	Gr1		A.B.	M, T, Th, F					
	Latin	L1		A.B.		M, T, W, Th				
	Mechanics	P1		B.S., B.Ph.		F				
	Physical Chem.	C1		B.S.			T, W, Th, F			
	History	H1	C1, M1	A.B.		M, T, W, Th	M			
										M, T, Th, F
Senior	English	Elia		All						
	Latin	L1	L1-5	A.B.					S	W
Senior	English Lit.	Elia		All						
	Psychology	Ps1	Ps1, 2, 3	All			S	S		

*The order in which students take first year French and German, scheduled as Freshman studies, and second year French and German, scheduled as Sophomore, will depend upon the language credits presented in fulfillment of Freshman entrance requirements. At least a year each of French and German is required of all candidates for the B. S. degree except those who elect Freshman Latin.

SCHEDULE—Fall Term (Concluded.)

	Name of Course	Course Number	Prerequisite	Required of	7:40	9:00	10:00	11:00	1:00	2:00
Elective Courses	English Novel	B6			M, T, Th.					
	French	F7	Fl-3							T, F.
	German	Ger7	Ger1-3			M, W, Th.				M, Th.
	Latin	L10	L1-3							
	Spanish	S1					5			
	History of Art	HA1					5			
	History	4								
Elective Courses	Mathematics	M4	M1-3							
	Calculus	M6	M1-3		5			M, T, Th, F		
	Top. Survey	CE5	CE3						M, T, Th, W, F	M, T, Th.
	San. Eng.	CE6				5	5			
	R. R. Survey	CE4	CE3							
	Comp. Anat.	Z4	Z4, 5, C1				M, T, Th.	5		
	Embryology	Z8	Z6						5	M, T, F.
Elective Courses	Crypt. Bot.	Bot. 2	Acad. Bot.						5	M, T, F.
	Inorg. Chem.	C6	C3				W, F.			
	Inorg. Prep's	C5	C1-3		For hours, see		statement	of Chemistry	Courses, W, F.	
	Theor. Chem.	C12	C10						M, T, Th.	M, T, Th.
	Chem. Lab.	C11	C3							
	Organ. Geol.	G4	G3, Bot. 1, Z4							
	Geology Sr.	G3	G3, Bot. 1, Z4		W, F.	W, F.			5	W, F.
Elective Courses	Adv. Phys. Lab.	P6	P1, M1-5							
	Dynamo Design	P11, 12	P8, M1-5			M, T, Th.			M, T, W, F.	M, T, W, F.

SCHEDULE—Winter Term.

Year	Name of Course	Course Number	Prerequisite	Required of	7:40	9:00	10:00	11:00	1:30	2:30
Freshman	English	Eng 1		All						T, W, Th, F.
	French	Fr 2	Fr 1	B.S.				M, T, Th, F		
	German	Ger 2	Ger 1	B.S.				M, T, Th, F		
	Greek	Gr 2	Gr 1	A.B.						
	Latin	Li 1	Li 1	A.B.	T, W, Th, F	M, W, Th, F				
	Lat. (2 sec.)	Li 2	Li 1	All						
Sophomores	Mech. Drawing	Ch 1	Prep. Math	B.S.		M, T, W, Th	M, T, W, Th			
	Chemistry	Ch 2	Ch 1			F.	F.			
	English	Eng 3	Eng 2	All	M, T, Th, F				T.	
	French	Fr 3	Fr 2							
	German	Ger 3	Ger 2							
	Greek	Gr 3	Gr 2	A.B.	M, T, Th, F					
Juniors	Latin	Li 3	Li 2	A.B.						
	Heat and Light	Ph 3	Ph 2	B.S. B.Ph.						
	History	Hi 2	Hi 1	A.B.						T, W, Th, F.
	English	Eng 4		All						
	Logic	Ph 1		All		S				M
Seniors	English	Eng 5		All						
	History	Ph 4		All						
	Economics	Hi 3		A.B.					Th.	

*The one hour a week conflict with Logic for Classical Juniors who may elect Heat and Light must be arranged individually with instructors.

SCHEDULE—Winter Term (Concluded.)

	Name of Course	Course Number	Prerequisite	Required of	7:40	9:00	10:00	11:00	1:30	2:50
Elective Courses	Anglo-Saxon Eng. Literature	E1					5		M, W, F.	
	Shakespeare	E12						W, Th, F.		
	French	E8	E5						T, F.	
	German	E9	P1-3				5			W, F.
	German	Ger5	Ger1-3							
	German	Ger10	Ger1-3							
	Greek	Gr 7 or 8	Gr1-6				5			
	Italian	I1					M, T, Th			
	Latin	L8	L1-5				5			T, Th.
	Latin	L11	L1-5, 10							
	Spanish	S1	S1				W, F.	5	5	
	History of Art	HA2								
	History	H5	H4							
	Calculus	M5	M1-4		T, W, Th, F.					
	Desc. Geom.	CE2	CE1						M, W, Th, F.	
	Anal. Struct.	CE7	CE1, M6, P1				W, F.	5		
	Top. Drawing	CR9	CE5							
	Zoology	Z4	Z1						M, W, Th, F.	W, F.
	Comp. Anat.	Z7	Z6				T, Th.	5		
	Phys. Psych*	Z11, 12	Z5, P65				W, F, F.			
	Adv. Bot.*	Z14	Z6				W, F, F.		5	T, Th, F.
	Plant Morph.	Bot 3								
	Junior Chem.	C7, 8	C8				M, T, W, Th.	5		
	Theor. Chem.	C14	C10, 12					W, F.		
	Chem. Lab.	C13	C5				M, T, Th.	M, T, Th.		
	Crystallogr.	G7	P1-3						5	T, Th, F.
	St. Geology	G9	G5, C9-10				M, T, Th.	5		
	Elec. Meas.	P7, 8	P4, M1-3						5	T, W, Th, F.
	Adv. Light	P15-14	P2, M1-6					M, T, Th.	W, F.	W, F.

*Z11-12 and Z14 will not both be given in any one year.

†Three additional Laboratory periods of two hours each arranged individually.

SCHEDULE—Spring Term

Year	Name of Course	Course Number	Prerequisite	Required of	7:40	9:00	10:00	11:00	1:30	2:00
Freshman	English	Elc		All						M, T, Th, F
	French	F1	F1-2	B.S.		T, W, Th, F				
	German	Ger1	Ger1-2	B.S.		T, W, Th, F				
	Greek	Gr1	Gr1-2	A.B.		M, T, Th, F				
	Latin	L1	L1-2	A.B.	M, T, W, F					
	Analytical Physiology (Chemistry)	M1 Z1 C25	M1-2	B.S., B.Ph. A.B.* B.S.			M, T, W, Th	M, T, W, Th		
Sophomore	English	E2		All						M, T, Th, F
	French	F2	F1-3		T, W, Th, F			T**		
	German	Ger2	Ger1-3							
	Greek	Gr2	Gr1-3	A.B.	M, T, Th, F					
	Latin	L2	L1-3			T, W, Th, F				
	Phys. and Mag. History	P1-3 H1	P1 H1	B.S., B.Ph. A.B.			W, F	M, W, Th, F		
Junior	English	E3		All						W,
Senior	Theism Evidence	Ph. 51 Ph. 52		All						

*Classical student may take either Analytical or Physiology in the Freshman year, but those who elect Analytics must take Physiology in the Sophomore or Junior year.

**Another section of an hour to be arranged.

SCHEDULE—Spring Term (Concluded.)

	Name of Course	Course Number	Prerequisite	Required of	7:40	9:00	10:00	11:00	1:30	2:30
Elective Courses	Am. Writers	El-0								
	Eng. Lit.	El-1								
	French	F-1						M. W. F.	M. W. Th	
	French	F-9	F-1-3				5			
	German	Ger-9	Ger-1-3				5			
	German	Ger-11	Ger-1-3					T. Th.		
	German	Ger-12						W. F.		
	Greek	Gr-8	Gr-1-6					5		
	Italian	I-2	I-1					5		
	Latin	L-9	L-1-3				5			
	Latin	L-11	L-1-6, 10, 11				5			M. Th
	History of Art	HA-3								
	History	H-6			5	5				
	History	H-9	H-4-6							
	Teach. Math.	M-7	M-1-2					5		
	Astronomy	A-1	M-1-2		5					
	Surveying	C-15	M-1						M. T. W. Th	M. T. W. Th
	Strength Mat.	C-18	C-67				5			
	Zoology	Z-1	Z-4						M. T. W. Th	M. Th
	Comp. Anal.	Z-8	Z-6			5	M. Th.			
	Plant Phys.	Bot-4	Bot-3, C-1, F-1						5	M. Th. F.
	Organ. Chem.	C-3	C-2		M. T. Th. F.	M				
	Quant. Anal.	C-9, 10	C-7			5	M. T. Th *			
	Mineralogy	C-8	C-7, C-8, F-1				W. F.	5		
	Dynam. Geol.	C-5	F-1, C-7				M. T. Th		F	F
	Econ. Geol.	C-6	C-3, 8, 9, C-9, 10			Hours to be arranged				

*Another Laboratory hour to be arranged individually.

DEGREES CONFERRED JUNE 1903.

HONORARY.

PROFESSOR JES. M. PRICE	Doctor of Laws.
PROFESSOR WILLIAM C. MOREY	Doctor of Civil Law.
REV. WILLIAM M. UYKRAFT	Doctor of Divinity.
REV. WALTER M. CALLEY	Doctor of Divinity.

MASTER OF ARTS, PRO MERITO.

HELEN ADELAIDE BALDWIN, WILLIAM A. BERGER

MASTER OF SCIENCE, PRO MERITO.

CLARA ANNE DAVIES.

BACHELOR OF ARTS.

FRANK BELFORD AMOS,	HAROLD PUTNAM CHAFFEE.
SARAH EUDOCIA DEAKE,	VINTON EMMESY FIELD.
HOWARD EDWARD FLANNAGAN,	HARRY B. GENUNGEL.
DAVID WILLIAM GUTHRIE,	ALLEN N. NETTLEMAN.
HOWARD OLMSTED,	EDWARD COXE ROBERTS.
WARREN H. ROBERTS,	DAISY SHAMBAUGH.
WILLARD AARON ZIMMERMAN.	

BACHELOR OF SCIENCE.

JAMES ROE BURT,	RACHEL HARTSHORN COLWELL.
OREN ISAIAH DUSTHIMER,	IRVING ANGELL FIELD.
MARY CELIA FULTON,	HUGH ROBERT HICK.
S. GUY JONES,	ELMER MAURICE JONES.

BACHELOR OF LETTERS.

WALTER LEROY FLOWY,	VERNEE VALLEIA HUNTER.
JESSIE AMANDA KING,	CLARA LOUISE McDONALD.
CORINNE ANNE MEYER,	MARY BECKIES PALMERTON.
DONALD HUNTER POWERS,	WILLIAM HANLETTE SPROUILL.

ALUMNI ASSOCIATION.

The "Society of the Alumni" was founded in 1859. Its first officers were: *President*, William P. Kerr, class of 1845; *Vice President*, Edward M. Downer, class of 1850; *Secretary*, Francis M. Hall, class of 1856; *Treasurer*, Henry Fulton, class of 1859. Rev. Samson Talbot, class of 1851, four years later to become President of the University, delivered an address on "The importance of a Right Moral Development in Education."

The officers of the Society for the current year are:

PRESIDENT	REV. J. N. FIELD, '83
VICE PRESIDENT	PROF. H. H. BAWDEN, '93
SECRETARY-TREASURER	PROF. W. H. JOHNSON, '85

Executive Committee.

Prof. C. W. Chamberlain, '94. Judge J. M. Swartz, '69.
W. Blair Clark, '97.

STUDENTS IN GRANVILLE COLLEGE CLASSES.

GRADUATE STUDENT.

CARRIE WOODROW, *English Literature*, Emporia, Kan.

SENIOR CLASS. OA

ELY EBENEZER ALGER, Sc.,	Newark
+ GEORGE MAXWELL BARTON, Sc.,	Geneva.
ROLLA EARL BROWN, Cl.,	Cincinnati
CHARLES FELIX BURKE, Sc.,	Bethel.
CHARLES DAVID HAYDEN, Cl.,	Centerburg.
FRED SUMNER LA RUE, Lit.,	Dayton
EDWARD BRAINERD LOUGHRIDGE, Sc.,	Granville
JOHN LEE MADDOX, Cl.,	Ludlow, Ky
HERBERT DAY MCKIBBEN, Sc.,	Walnut Hills
ORVILLE COOLEY MONTGOMERY, Sc.,	Pataskala.
JOHN LITTLE RANDALL, Sc.,	Frazeysburg
CARL MILLHOUSE REVERSON, Cl.,	Rowland
HENRY JOHN SKIPP, Cl.,	Pittsburg, Pa
RAYMOND DUANE SPROUT, Cl.,	Gasport, N Y
HORACE HOLMES WALL, Ph.,	East Clarence, N. Y.
JAMES SAMUEL WEST, Cl.,	Leicester, W. Va
WILLIAM ELGIN WICKENDEN, Sc.,	Toledo
* ROBERT MORRIS WYLIE, Cl.,	Granville OS

JUNIOR CLASS.

FREDERICK D. ADAMS, Ph.,	Franklin
JAMES FOSTER CHAFFER, Cl.,	Marshall, Tex.
* JOHN ANTON CHERNEY, Cl.,	Cleveland
JOHN GARDINER CROSS, Cl.,	Narragansett Pier, R. I.
ROBERT STEERE GASKELL, Cl.,	Hamilton, N Y
JOHN EBERLIE GEIL, Cl.,	Granville
ROBERT D. HUNT, Ph.,	Franklin
ROGER M. JONES, Cl.,	Newark
RALPH BANTON MILLER, Lit.,	Newark

JUSTIN WROE NIXON, Cl.,	Granville.
DANIEL PAUL ORCUTT, Sc.,	Granville.
CHARLES EMMETT OXLEY, Sc.,	West Carlisle.
CHARLES BENJAMIN PATT, Cl.,	Newark.
CHARLES CLAYTON PATTERSON, Cl.,	Jamestown.
* ARTHUR NOYES PECKHAM, Sc.,	Kingston, R. I.
GALE SEAMAN, Cl.,	Springfield.
JOHN FULTON VAN VOORHIS, Sc.,	Newark.

SOPHOMORE CLASS.

WILLIAM FRANCIS AID, Sc.,	Granville.
WARD CLUTTER BELL, Sc.,	Utica.
HOWARD LEROY BETHEL, Ph.,	Holloway.
JOHN SOLON BRIDGES, Cl.,	Granville.
HOMER OSGOOD CARSON, Sc.,	Granville.
* BOYD BLAYNE CHAMBERS, Cl.,	Huntington, W. Va.
* CHARLES KING CHAPMAN, Cl.	Granville.
ROWLAND SMITH CLISSOLD, Sc.,	Morgan Park, Ill.
WILLIAM ANDERS EVANS, Sc.,	Cambridge.
* LEONARD JULIUS FOX, Sc.,	Dayton.
WALTER NEWHOME GRIMMEL, Sc.,	Cleveland.
HARRY DURWARD HAZELWOOD, Cl.,	Cambridge.
JOHN HUGHES HISLOP, Sc.,	Columbus.
GEORGE ELROY HOWELL, Sc.,	Frampton.
WALTER CURTIN HUMPTON, Sc.,	Granville.
JAMES RUSSELL JENNESS, Sc.,	Cherry Point, Ill.
HARWOOD LERSCH, Sc.,	Elyria.
JOHN ERNEST LLOYD, Sc.,	Granville.
CHARLES FRANKLIN MATHEWS, Cl.,	Richwood.
HAROLD CHESNEY MCCALL, Cl.,	Hebron.
PAUL STILLWELL MCKIBBEN, Sc.,	Granville.
PAUL DUNCAN MITCHELL, Cl.,	Newark.
* MERRELL REES MONTGOMERY, Sc.,	Newark.
CHARLES BURTON NICKELS, Cl.,	Toledo.
GUY HALL ORCUTT, Sc.,	Granville.
WILFRED ROBERT OWEN, Sc.,	Newark.
MAURICE DAVID PACE, Ph.,	Johnstown.
JAMES FRANK PEASE, Lit.,	Dayton.
* ROBERT E. POND, Sc.,	Granville.

CHARLES MOREHEAD PEASE, Sc.,	Hampton, Ia.
CURTIS VERNE PRIEST, Sc.,	Newark.
JOHN CLINTON PRIOR, Sc.,	Granville.
RALPH WILLIS QUICK, Cl.,	Fort Collins, Col.
DANIEL FRANKLIN RITTENHOUSE, Cl.,	Marysville.
ALLEN COWEN ROUDEBUSH, Cl.,	Batavia.
ASHBELL FAIRCHILD SIMPSON, Cl.,	Hopwood, Pa.
ROBERT WAITE SULLIVAN, Sc.,	Dayton
JOHN CRISWELL SWARTZ, Cl.,	Granville
ROBERT CLAY VAN VOORHIS, Cl.,	Newark
JAY VARNUM WESCOTT, Sc.,	Pittsburg, Pa.
JAMES FRANK WHALLON, Cl.,	Joliet, Ill.
PERRY DANIEL WOODS, Cl.,	Piqua.
WILLIAM BOUTON WRIGHT, Sc.,	Homer.
ELMER BENJAMIN YALE, Ph.,	Waynesfield.

FRESHMAN CLASS.

CARLETON WILLIAM ATWATER, Cl.,	Cleveland.
JOHN WALTER BEATTIE, Cl.,	Norwalk
FREEMAN EARL BOLLINGER, Ph.,	St. Paris.
CLAUDE EDWARD BOYER, Cl.,	Joliet, Ill.
LOUIS HENRY BURR, Cl.,	Toledo.
KENNETH JAMES CAMPBELL, Sc.,	Mt. Vernon
CLYDE COLEY, Cl.,	Madison.
DAVID DALE CONdit, Sc.,	Jersey.
ERNEST CORNELL, Cl.,	Alexandria.
WILLIAM HOWARD COX, Sc.,	Norwood.
JOY ALLEN CRAVEN, Sc.,	Dayton.
GUY CARLETON CRIPPEN, Cl.,	Granville.
EDWARD ROLAND DAVIS, Sc.,	Madison.
GEORGE ALOYSIUS FERRY, Sc.,	Washington, D. C.
WILLIAM HENRY FOWLE, Cl.,	Omaha, Neb.
HOWARD MILTON HUNT, Sc.,	Madisonville.
IRA DONALD HUSTON, Cl.,	Mobile, Ala.
LAWRENCE CLIFTON IRWIN, Sc.,	Alexandria.
ALBERT BARROWS JONES, Sc.,	Newark
DON CLYDE KITE, Cl.,	Granville
FRANK GIBBSON LA RUE, Sc.,	Imlaystown, N. J.
ELLIS PETER LEGLEN, Cl.,	Dayton

ROBERT WILLIAM LUSE, Sc.,	Sharon, Pa.
WILLIAM HERBERT LUSE, Sc.,	Clifton.
* WILLIAM ALONZO MARTIN, Cl.,	Springfield.
CALVIN EARL McMILLEN, Cl.,	Jackson Center.
DAVID HUGH MILLER, Sc.,	South Whitley, Ind.
ARTHUR STANTON MYERS, Sc.,	Granville.
ROBERT SPENCER ROCKWOOD, Sc.,	Union City, Pa.
JOE SETH RODES, Sc.,	Granville.
JESSE JOSIAH RUNYAN, Cl.,	Cincinnati.
EARL JOHN SHEFFER, Ph.,	Bucyrus.
WILLIAM HUGHES SHEPARD, Sc.,	Wyoming.
WILLIAM GEAR SPENCER, Ph.,	Granville.
LEON RUTHERFORD TAYLOR, Ph.,	Avon-by-the-Sea,
	N. J.
RAYMOND HULTS TRACY, Cl.,	Hulbard.
* ROBERT CLINGER WALTZ, Sc.,	Dayton.
ROY LESLIE WELLS, Sc.,	Alexandria.
CAREY WOOFER, Ph.,	Williamstown.
	W. Va.
GEORGE WASHINGTON WYMER, Cl.,	Ironton.

ELECTIVES.

HARVEY JAMES ALEXANDER,	Newark.
WILLIAM EDWARD ARTER,	Kennon.
GORDON CLARK BECK,	Bethel.
WILLIAM HENRY BERRY,	Cambridge.
RAY ELLSWORTH CARMAN,	Granville.
HENRY LEROY CHAPIN,	New London.
ALFRED MANSFIELD COLBY,	Dayton.
ELMER LORING CONLEY,	Omaha, Neb.
FRANK HURD COX,	Macksburg.
EDWARD GORTON DAVIS,	New York.
RAYMOND CLYDE DITTO,	Delphos.
STEPHEN AUGUSTUS DOUGLAS,	Mansfield.
DANIEL SHEETS DYK,	Raven Rock, W. Va.
LOUIS WILLIAM FISHER,	Sidney.
CHARLES ERNEST FLEMING,	Frazesburg.
WILLIAM ELMER FORSYTHE,	Granville.
ROBERT HOLLAND FRAZER,	Springfield, S. D.

OTTO GROVER GRAMLICH,	Macksburg.
JOSEPH CHILDS GREEN,	Troy.
ELSOR HEATER,	St. Paris.
ROBERT HILL,	South Sharon, Pa.
* ARTHUR HANDLEY HIXSON,	Newark.
LEON WAYDE HOYT,	Norwalk.
* NORVAL DUANE KEMP,	Dayton.
EMMETT HOMER LESLIE,	Peniel.
WILLIAM GLIDDEN LEWIS,	Toledo.
JUSTIN WARREN MCKIBBEN,	Walnut Hills.
GEORGE WALLACE NICHOLS,	Bedford.
LEWIS TIMEROD PAULSON,	Newark.
WILLIAM ALEXANDER PAYNE,	Pasadena, Cal.
ALPHA CLEVELAND PENCE,	St. Paris.
CHARLES PROSE,	West Jefferson.
LEROY DUANE SARGENT,	Bellefontaine.
EARL READ SCHEFFEL,	Dayton.
JOHN WHITCOMB SHEPARDSON,	Chicago.
LEVI LEE SHEPARD,	Wyoming.
CHARLES WILLIAM SHINN,	Granville.
WILLIAM HARLEY SMITH,	Mansfield.
JESSIE WILHELM STENGER,	Granville.
WILLIAM HOLLAND THOMPSON,	Cedar Rapids, Neb.
WILLIAM EARL VAN HORN,	Franklin.
TOYOYUKI WATANABE,	Formosa, Japan.





Front of Shepardson Campus

II. SHEPARDSON COLLEGE.

HISTORICAL STATEMENT.

For several years prior to 1900, under joint agreement of the authorities of the two schools, the facilities of Denison University, including instruction, were largely accessible to the students of Shepardson College. The practical working of this arrangement gradually pointed the way to a still closer union, making it possible to offer to both daughters and sons of the patrons of the two schools an education in all respects equal, and receiving equal recognition upon completion.

In June, 1900, following these indications of practical experience, such a union was effected. The courses of Denison University, its class rooms, its material equipment and its degrees, were opened to the students of Shepardson College on exactly the same terms as to young men. While Shepardson College thus became a department of the University, co-ordinate in all scholastic matters with Granville College, it still retains its legal identity, and offers on its own account one course, differing from any of the courses of the University and leading to the title of Associate in Literature.

As the Boards of Trustees and the courses of instruction (with the exception just noted) are now the same for Granville College and Shepardson College they are not here repeated, but may be found, with other general information, in the preceding pages of the catalogue.

COMMITTEES.

Executive Committee.

E. W. HUNT,	D. M. SHEPARDSON,
BUNYAN SPENCER,	J. R. DAVIES,
	J. M. SWARTZ,

Committee to Assign Scholarships.

E. W. HUNT,	J. R. DAVIES.
	B. F. PATT.

Advisory Committee.

CLASS I. — Term expires in 1904.

MRS. G. M. PETERS	Cincinnati.
MRS. J. A. ROBERT	Dayton.
MRS. C. T. LEWIS	Toledo.
MRS. J. R. DAVIES	Newark.
MRS. S. F. VAN VOORHIS	Newark.

CLASS II. — Term expires in 1905.

MRS. J. F. CAMPBELL	Canton.
MRS. WILSON CHISHOLM	Cleveland.
MRS. R. S. COLWELL	Granville.
MRS. L. T. SCHOFIELD	Cleveland.
MRS. E. B. SOLOMON	Dayton.

CLASS III. — Term expires in 1906.

MRS. J. M. AMOS	Cambridge.
MRS. E. S. SHEPARDSON	Granville.
MRS. E. K. NICHOLS	Wilmington.
MRS. B. F. McCANN	Dayton.
MRS. J. H. McKIBBEN	Cincinnati.

OFFICERS OF INSTRUCTION AND GOVERNMENT.

EMORY W. HUNT, D. D., LL. D.,
PRESIDENT.

Intellectual and Moral Philosophy.

HARRIET MARIA BARKER, A. M.,
DEAN.

History of Art.

JOHN L. GILPATRICK, PH. D.,
Mathematics.

R. S. COLWELL, D. D.,
Greek.

GEO. F. MCKIBBEN, A. M.,
Romance Languages.

CHARLES L. WILLIAMS, A. M.,
Rhetoric and English Literature.

W. H. JOHNSON, A. M.,
Latin.

C. J. HERRICK, PH. D.,
Zoology.

T. L. WATSON, PH. D.,
Geology and Mineralogy.

C. W. CHAMBERLAIN, A. B.,
Physics.

W. A. CHAMBERLIN, A. M.,
Modern Languages.

C. E. GOODELL, A. M.,
History.

B. E. TRASK, C. E.,
Engineering.

W. BLAIR CLARK, M. S.,
Chemistry.

BUNYAN SPENCER, A. M.,
Logic.

ANNA BROWN PECKHAM, A. M.,
Latin and Geometry.

CLARA ANNE DAVIES, M. S.,
Science.

NELLIE AINSWORTH MONTGOMERY, A. B.,
English and History.

ADAH THERESA ECKERT,
Elocution and Physical Training.

CARRIE WOODROW,
Algebra.

HELEN M. HUNT,
Matron.

EDITH STANTON,
Treasurer.

ANNA B. PECKHAM,
Secretary of the Faculty.

ALMA BLAISDELL,
Chaperon.

LORENA WOODROW,
Secretary to the Dean.

LADIES IN CHARGE OF COLLEGE HOUSES.

Burton Hall	MISS BARKER.
King Hall	MISS PECKHAM.
Shepardson Cottage	MISS MONTGOMERY.
Case Cottage	MISS DAVIES.
West Cottage	MISS GARRETT.
Club House	MISS C. WOODROW.

COURSES OF STUDY AND DEGREES.

As previously stated, the courses of study of Denison University, and its degrees, are all open to students of Shepardson College on equal terms with young men, and a detailed statement of studies offered in the various departments of instruction, with conspectus of courses leading to the several degrees, and schedule of recitation hours, will be found on pages 37-79.

In addition to these courses, Shepardson College on its own account offers the title of Associate in Literature for the following course, based upon the same amount of preparatory work as is required for entrance to the Freshman Year in the University courses:

FIRST YEAR.

	NAME OF COURSE	COURSE NUMBER	HOURS PER WEEK
FALL TERM	French or	F. 1	4
	German	Ger. 1	4
	Rhetoric	R. 1 a	3
	American Literature	R. 1 b	1
	Chemistry	C. 1	4
	*Elective		3 to 5
WINTER TERM	French or	F. 2	4
	German	Ger. 2	4
	Chemistry	C. 2 a	2
	Rhetoric	R. 1 b	3
	American Literature	E. 1 b	1
	*Elective		5
SPRING TERM	French or	F. 3	4
	German	Ger. 3	4
	Chemistry	C. 2 b	4
	Rhetoric	R. 1 c	3
	American Literature	R. 1 c	1
	*Elective		4 or 5

SECOND YEAR.

FALL TERM	French or	F. 4	4
	German	Ger. 4	5
	English Literature	R. 2 a	1
	History	H. A. 1	4 or 5
	*Elective		4
WINTER TERM	French or	F. 5	4
	German	Ger. 5	5
	English Literature	R. 2 b	1
	History	H. A. 2	4 or 5
	*Elective		4
SPRING TERM	French or	F. 6	4
	German	Ger. 6	5
	English Literature	R. 2 c	1
	History	H. A. 3	4 or 5
	*Elective		4

* The elective for which provision is made throughout this course must be history, history of art, English music or art. The music or art must be sufficiently advanced to be regarded as college and not preparatory work. This of course to be determined by the Faculty.

It should be understood that the certificate given at the completion of this course entitles one to full credit for all work done except in music or art, in any one of the University courses, should the student subsequently compete for a degree.

ROOMS AND BOARD.

Non-resident students are expected to board and room in the College, unless other arrangements have been previously made with the college authorities.

A self-boarding club is maintained upon the college grounds, under the care of the matron and in charge of a resident teacher.

Teachers and students living on the College grounds, excepting those in the Club House, take meals in the Dining Hall, a bright, spacious room fully equipped, and adapted to the needs of such an institution.

Each student must furnish her own napkins and napkin ring, towels, sheets, pillow cases and bedding for either single or double bed, so that two room-mates may together furnish all needful bedding. Size of pillows, 22 x 27 inches. Those who desire may provide window drapery, table spreads, etc. All articles of clothing and bedding must be marked with the owner's name in full. Baggage should be plainly marked "Shepardson College," to insure prompt delivery.

In order to secure a room in advance, a retaining fee of five dollars must be deposited by each student with the Treasurer of the College. No room is regarded as engaged until this fee is in the Treasurer's hands. This sum will be applied on the first term's bills, unless the student fails to take the room, in which case it is forfeited. Those wishing a choice of rooms should apply early.

Rooms engaged at the close of the school year will not be held later than August 1, unless the retaining fee has been paid.

ADMISSION.

Students who have taken any of the regular courses in the Shepardson Preparatory Department are admitted to the Freshman Year of the corresponding course upon their certificates, without further examination. For those who have prepared elsewhere, the conditions of admission are identical with those of Granville College. See pages 32-34.

Only such rules and regulations are imposed as are necessary to maintain health and order. It is the endeavor of the College to foster among its pupils self-knowledge and self-control.

The government is intended to be educational rather than restrictive. With this in view a system of Student Government which has for its province the conduct of the young women in the various college houses, has been in operation for the past two years.

The conduct of the young women with reference to all social engagements is under the control of the Faculty.

MORAL AND INTELLECTUAL INFLUENCES.

Without placing any constraint upon the denominational preferences of its pupils, the College aims to surround them with salutary Christian influences. Attendance on the daily Chapel exercises and the usual Sunday service is required, but no restriction is placed upon the pupil's choice of a regular place of worship. A students' prayer-meeting is held every Monday evening. Students and teachers unite in the Young Women's Christian Association, and in classes organized for systematic Bible study.

There are two Literary Societies in the College, the Euterpean and the Philomathean, which have a large membership and do excellent work.

The Marsh Memorial Library in King Hall, established by Dr. and Mrs. Shepardson in memory of their daughter, Mrs. Lide Shepardson Marsh, contains a valuable collection of books for Bible and missionary study; also dictionaries, encyclopedias, and other helps for general study. This library is constantly being increased by gifts from the family and friends of Mrs. Marsh.

The Reading Rooms in Burton Hall are supplied with current literature, and in addition to the University Library a special Reference Library is maintained on the Shepardson College grounds, for the convenience of its students and teachers.

A Social Culture club holds regular meetings for the presentation and discussion of various questions pertaining to social etiquette. The social advantages of the school itself are greatly enhanced by the hearty welcome which the young ladies receive in the homes of the people of Granville.

MUSIC AND ART.

The Conservatory of Music, and the School of Art, furnish ample facilities to students who wish to pursue these branches. The courses offered, with the special charges in these departments, are described elsewhere.

ELOCUTION.

The classes of Miss Eckert, Instructor in Elocu-

tion are open to students of Shepardson College. The charge for this work is extra. For detailed information, consult the general index.

PHYSICAL CULTURE.

This work is carefully planned to meet individual needs ascertained by a physical examination given each student at the beginning of the college year. Special corrective gymnastics are employed to a considerable extent.

The time spent in indoor exercises is divided between class work and individual work on chest weights and other developing appliances.

The students on the grounds are required to take systematic exercise. Those living in the village enjoy the benefits of the gymnasium upon the payment of a dollar a term or two dollars a year. For the sake of uniformity, students are advised to consult the Director before procuring their gymnasium suits.

Daily exercise in the open air is also required, except on the days for gymnasium work.

SCHOLARSHIPS.

A limited number of scholarships are available for the use of students in case of necessity, provided they maintain an honorable standing in their classes and live an exemplary life.

It is understood that pupils holding scholarships, if called upon, will be expected to render slight service to the college. Such service, however, will in no way conflict with the pursuance of regular college studies.

EXPENSES.

No student is enrolled in any department until settlement has been made with the Treasurer and Registrar.

Bills may be paid in accordance with the following schedule:

Bills of \$20 or less, are due at time of registration.

If bills are more than \$20, one-half is due at time of registration, the remainder must be paid by the middle of the winter term.

Students preferring bills sent home for payment may make such arrangement with the treasurer provided settlement is made according to the above schedule *within ten days after receipt of the bill* after which time students will receive no credit for work done in any department of the college until such settlement has been effected.

No money will be refunded to a student who leaves before the close of the term except when one is excused from classes on account of one's own illness, in which case a charge is made for board, only for the time the student is resident in the college. No reduction for room rent, tuition, fees, etc., is made for less than half a term.

Meals sent to rooms will be charged extra.

Any breakage or injury to furniture or rooms will be charged to the occupants of rooms.

Arrangements for washing can be made on reasonable terms.

FALL TERM

Board	\$40 00
Cottage room with fuel and light	12 00-16 00
Hall room with fuel and light	16 00-24 50
Tuition in the Collegiate Courses	15 00
Tuition in the Preparatory Courses	13 00
Incidental fee for each pupil	2 00
Library fee	1 00

WINTER TERM

Board	\$35 50
Cottage room with fuel and light	10 00-14 00
Hall room with fuel and light	14 00-22 50
Tuition in the Collegiate Courses	12 00
Tuition in the Preparatory Courses	10 50
Incidental fee for each pupil	2 00
Library fee	1 00

SPRING TERM

Board	\$35 50
Cottage room with fuel and light	8 00-10 00
Hall room with fuel and light	10 00-18 00
Tuition in Collegiate Courses	12 00
Tuition in the Preparatory Courses	10 50
Incidental fee for each pupil	1 00
Library fee	1 00

EXTRA EXPENSES.

Matriculation fees are as follows: Freshman Class, \$2; Sophomore, \$3; Junior, \$4; Senior, \$5.

Students absenting themselves from the regular examinations are charged a fee of \$2 for each special examination.

Certain Laboratory courses in Natural Science have fees attached, to cover cost of materials and breakage. For college classes these fees will be found with the statement of the individual courses in the various departments. For preparatory courses in Chemistry the fee is \$3 per term; in Physics, \$1 per term.

PREPARATORY DEPARTMENT.

The students of the Preparatory Department of Shepardson College are not separated from those of the College, except in class-room. In the homes they mingle freely, living side by side, enjoying the same friendships, pleasures, and privileges. This intimate association is helpful to all, but especially so to those of less experience.

ENTRANCE.

All students entering the Preparatory Department of Shepardson College must furnish satisfactory evidence of having completed the study of the following: Arithmetic, Geography, English Grammar, U. S. History and Elementary Physiology. The evidence must be in the form of a written statement from the principal of the school or instructor under whom the work is taken. A teacher's certificate will be accepted instead of this statement, otherwise the student must be ready for an examination in these branches.

It is important that those entering for the first time should come the day before the opening of the Fall Term, for examination and classification.

Though students may enter at the beginning of any term, much is to be gained by entering the work at the opening of the year.

Each student in ordinary health is expected to take three regular studies,—or their equivalent in

music or art, — and do the usual amount of reading and rhetorical work.

Lateness at the opening of the term can not be excused unless occasioned by illness in the family.

EXAMINATIONS.

At the close of each term written examinations are held; but those who, during the term, have maintained a grade of 95 per cent. may be excused from such tests, with the rank of *honor students*. In order to secure this grade, pupils should have no unexcused absences.

RELIGIOUS EXERCISES.

All students of the College are required to attend morning Sabbath service and Sabbath School.

Classes in Bible study meet regularly, and are open to all members of the College.

COURSES OF STUDY.

The courses required for entrance to the Freshman Class in the University are all provided. For the contents of these courses, consult the general index under the heading *Doane Academy*. The Greek of the Classical Course, and the Chemistry of the Scientific and Philosophical, are taught by the Instructors in Greek and Chemistry in Doane Academy.

Requirements in English for entrance to the Freshman class, as adopted by preparatory schools generally, are as follows:

Books prescribed for reading and practice:

1904: Shakespeare's Merchant of Venice and

TABLE 1

1950-1951

Year	1950	1951	1952	1953	1954	1955
1950	100	100	100	100	100	100
1951	100	100	100	100	100	100
1952	100	100	100	100	100	100
1953	100	100	100	100	100	100
1954	100	100	100	100	100	100
1955	100	100	100	100	100	100



CORRECTION!!!

The previous document(s) may
have been filmed incorrectly...

Reshoot follows

Julius Cæsar; the Sir Roger de Coverley Papers in The Spectator; Goldsmith's Vicar of Wakefield; Coleridge's The Ancient Mariner; Scott's Ivanhoe; Carlyle's Essay on Burns; Tennyson's The Princess; Lowell's The Vision of Sir Launfal; George Eliot's Silas Marner.

1905: Shakespeare's The Merchant of Venice; Pope's Iliad, Books I., VI., XXII., XXIV.; The Sir Roger de Coverley Papers in the Spectator; Goldsmith's The Vicar of Wakefield; Coleridge's The Ancient Mariner; Scott's Ivanhoe; Cooper's The Last of the Mohicans; Tennyson's The Princess; Lowell's The Vision of Sir Launfal; George Eliot's Silas Marner.

Books prescribed for careful study and practice:

1904 and 1905: Shakespeare's Macbeth; Milton's Lycidas, Comus, L'Allegro and Il Penseroso; Burke's Speech on Conciliation with America; Macaulay's Essays on Milton and Addison.

The exercises in writing aim to teach clear and accurate expression, special emphasis being laid upon spelling, grammar, punctuation, diction, sentence structure and paragraphing. As regards the reading the pupil is required to give evidence of general knowledge of the subject matter; to know something of the historical background of each book read, and to be familiar with the life of the author.

Preparatory Schedule.

FALL TERM, 1904.

		7.00	9.00	10.00	11.00	1.00	2.00
Junior		Latin.	Algebra			History.	
Middle	Cl.	Physics.		Greek I.	(Greek II.)		
	Sc.		Chemistry	French	Latin.		
	Cl.				Latin.		Greek.
Senior	Sc.	Physics		Geometry		German.	

WINTER TERM, 1905.

Junior		Latin	Algebra				
Middle	Cl.	Greek I.		(Greek II.)			
	Sc.	Chemistry I.	Physiology I.		Latin.	Rhetoric	
	Cl.				Latin.	Greek.	
Senior	Sc.	Physics		Geometry	French German		

SPRING TERM, 1905.

Junior		Algebra	Latin				
Middle	Cl.		Greek I.	(Greek II.)			
	Sc.	Physiology I.		Chemistry.	Latin	Rhetoric	
	Cl.				Latin.	Greek.	
Senior	Sc.	Algebra.	French. German.	Geometry 2 Physics I.			

DEGREES CONFERRED BY SHEPARDSON COLLEGE
JUNE, 1903.

Bachelor of Literature.

MARTHA GRACE HARFORD,

LILLIAN MEGGINSON.

STUDENTS IN SHEPARDSON COLLEGE AND PREPARATORY CLASSES.

Senior Class.

GRACE WINIFRED BACKUS, Cl.,	Jefferson
JANET RACHEL JONES, Sc.,	Granville.
MARY CLAUDIA JONES, Sc.,	Newark.
RUBY JONES, Sc.,	Newark.
JANE BELL SIMPSON, Cl.,	Hopwood, Pa.
LILLIAN ALICE SNOW, Ph.,	Cleveland.
MABEL ESTHER WYLIE, Ph.,	Granville.
LILLIAN ALICE WYLY, Lit.,	Granville.

Junior Class.

ALMA LOUISE BLAISDELL, Ph.,	Des Moines, Ia.
HELEN TAMZEN CASE, Lit.,	Granville.
KATE LEONORA CHAMBERS, Sc.,	Amanda.
MABEL FLOY DENISON, Ph.,	Toledo.
ELIZABETH FULLERTON, Sc.,	Greenfield.
ELSIE COWLAM HUSTED, Cl.,	Norwalk.
RUTH ELEANOR MCKIBBEN, Lit.,	Granville.
STELLA MILDRED MOORE, Lit.,	Granville.
MYRA PELLEN, Ph.,	Ft. Wayne, Ind.
FAITH POMEROY, Ph.,	Boston, Mass.
BERTHA MABEL SMITH, Cl.,	Granville.
ELIZABETH THORNTON, Ph.,	Granville.
MARGARET ANN WATKINS, Lit.,	Granville.
MARJORIE WILLIAMS, Ph.,	Columbus, Neb.
MARY EDITH WORK, Sc.,	Granville.

Sophomore Class

ANNA BELLE BEATTIE, Cl.,	Norwalk.
NELLIE FAY BENNETT, Cl.,	Uhrichsville.
BETTY DUNKIN CORPENING, Sc.,	Clarksburg, W. Va.
VIVA KESLO DICKERSON, Sc.,	Jersey.
MARY EMILY FERGUSON, Cl.,	Granville.
MARY CROSSLEY HALL, Sc.,	Newark.

MARY HELEN HUNT, Cl.	Granville.
MARY ADELAIDE JENNESS, Ph.	Cherry Point, Ill.
MARY CAROLINE MCGINSON, Sc.	Grand Rapids
FLORENCE MARY NICKELS, Ph.	Toledo
MARGARET GERTRUDE PEASE, Cl.	Hampton, Ia.
DONNA RUSSELL, Cl.	Sidney.
EDNA ROSE THORNTON, Ph.	Granville.
BESSIE TRUMPER, Ph.	London
AMY EMELINE ZIMMERMAN, Ph.	Perrysville

Freshman Class.

LAURA BETTLER, Ph.	Carey.
ETHEL BRILLHART, Sc.	Newark.
CLARICE CARROLL, Sc.	Alexandria.
HELEN LECRONE, Ph.	Millersport
ELEANOR McDOWELL, Cl.	Cincinnati
MYRTLE ANNETTE MILLER, Ph.	Newark
ALICIA MARY MOREY, Cl.	Fairport, N. Y.
MARIA EMILY NICHOL, Ph.	Granville
MARY OWEN, Sc.	Newark.
FRANCIS WELLS PRIEST, Ph.	Newark
EVA LOUISE ROCKWOOD, Sc.	Union City, Pa.
CLARA ELIZABETH ROUBERUSH, Sc.	Batavia.
BESSIE GERTRUDE SALKELD, Cl.	Perry.

Electives.

BESS ZELDORA ADAMS,	Carey.
MRS. W. B. CLARK,	Granville.
MABEL AXLINE CLOMAN,	Deavertown.
SARAH BELLE COX,	Macksburg.
MARY ELIZABETH ENDRICK,	Dayton.
ESTHER MARIAN FIELD,	Granville.
FLORENCE ERNESTINE FULTON,	Newark.
LISTA GILL,	Granville.
BESSIE LEONE GULLY,	Selma, Ala.
HELEN CORNWELL HILL,	Marietta.
LUCY HILL,	West Jefferson.
ELSIE HIRSCHBERG,	Newark.
FRANCES DWIGHT JOHNSON,	Parkersburg, W. Va.

MARGUERITE GIFFIN JONES,	Granville.
EDNA MOND LEEDLE,	Springfield.
GEORGIA MARDIS,	Granville.
WINIFRED MEAD,	Pierre, S. D.
MARY LOUISE MCKIBBEN,	Granville.
ANNA LOUISE MERRIFIELD,	Mendota, Ill.
IDA MOORE,	Newark.
JEAN ELIZA MOORE,	Newark.
BELLE NEWTON,	Bowling Green.
BESSIE ONLE,	Indianapolis, Ind.
FLORENCE PARRISH,	Newark.
DONNA PROSE,	West Jefferson.
HELEN CELESTIA SCOTT,	Granville.
GENEVIEVE SHEPARD,	Wyoming.
GRACE ELIZABETH STENGER,	Granville.
NELL GENEVIEVE TAIT,	Corning.
MARY CATHERINE TEMPLE,	Coshocton.
SARAH ELEANOR THOMAS,	Bay City, Mich.
GERTRUDE EVELYN TODD,	Johnstown.
MARY CATHERINE TUTTLE,	Granville.
FLORENCE ELIZABETH WALTZ,	Joliet, Ill.
BLANCHE KATE WARD,	Marietta.
HELEN WILLIAMS,	Granville.
LINA WILLIS,	Washington C. H.
LULU ALMA WOOD,	Compher.
IDA ELIZABETH WICKENDEN,	Toledo.
LORENA MATILIJAH WOODROW,	Emporia, Kan.
OPHE WOOFER,	Troy, W. Va.
ELSIE WRIGHT,	Croton.
GRACE WRIGHT,	Croton.

**STUDENTS IN SHEPARDSON COLLEGE TWO YEARS'
COURSE.**

Senior Class.

MARGARET FAYE MARLOW, Granville.

Freshman Class.

ELEANOR HARRIET CHAFFER.	Marshall, Tex.
RAMA CLAIRE COX,	Macksburg.
HARRIET CLOLNDIA SEARLES,	Madison.
ANNA GRACE WAGNER,	Fredericktown.
SUSIE EMMA WEDDELL,	Mt. Auburn, Cin.

SHEPARDSON PREPARATORY DEPARTMENT.

Senior Class.

FAYE ROBERTS CLEVELAND,	Granville.
RAMA CLAIRE COX,	Macksburg.
MARY ETHEL DAVIS,	Granville.
ETHEL CLARA DICKERSON,	Jersey.
SARAH ADELYN FLEMING,	Browning, Mo.
GERTRUDE FLORENCE GOOD,	Basil.
MARGUERITE GIFFEN JONES,	Granville.
GWLADYS SPENCER,	Granville.
MARY BEULAH WELLER,	Newark.

Middle Class.

MADELINE AUTEN,	Cass City, Mich.
BEULAH BROOKS BROWN,	Granville.
IRENE McALLISTER CHAMBERS,	Amanda.
IRENE NAOMI CONLEY,	Omaha, Neb.
ALICE DALZIEL,	Granville.
MILBRED HUNT,	Granville.
MARY EDNA McDANIEL,	Raccoon Island.
MARGARET McKIBBEN,	Granville.
LUELLA NUTT,	Spring Valley
RUTH OBCUTT,	Granville.
ELLA MARION ROBERTS,	Granville.
MAUD ALMA SINNETT,	Granville.
CHRISTENA CUMMINGS STRUBLE,	Fredericktown.
ALICE AMELIA TUTTLE,	Granville.

Junior Class.

JUANITA BOND,	Granville.
EDITH ETHEL DITTO,	Delphos.
HELEN KENDRICK HUNT,	Granville.
GRACE McCLELLAND,	Fredericktown.
ESTHER CHRISTINE NIXON,	Granville.
MERTIE REVENAUGH,	Granville.

JENNIE LEWIS SANBORN,	Loudonville.
MARIETTA CLARK SAWYER,	Seymour, Ind.
ADA MARIA SHAFFER,	Granville.
MINNIE AGNES SHAFFER,	Granville.
EDNA EARLE SHEETS,	Columbus.
MARY ALICE SMITH,	Granville.
NELLIE LONGFELLOW SMITH,	Granville.
NELLIE SPENCER,	Granville.
DOROTHY STURZINGER,	Sandusky.

Electives.

ADA ZILLAH ALEXANDER,	Wren.
MAMIE EMMA CLOSSMAN,	Zanesville.
BERTHA ANNA FETZER,	Wandbek, Hamburg, Germany.
FLORENCE ERNESTINE FULTON,	Newark.
LITA GEIL,	Granville.
BESSIE LEONE GULLEY,	Selma, Ala.
ALMA LOUISE JEWETT,	Newark.
LUCY HILL,	West Jefferson.
MAUDE NEWCOM LAYTON,	Dayton.
LENA CARROLL MCCALL,	Hebron.
MARY LOUISE MCKIBBEN,	Granville.
JEAN E. MOORE,	Newark.
MARIA EMILY NICHOL,	Granville.
BELLE DONNA PROSE,	West Jefferson.
MRS. GRACE S. RAILSBACK,	Granville.
HARRIET CLOENDA SEARLES,	Madison.
ELVA CATHERINE SMITH,	Zanesville.
BESSIE EMMA WILSON,	King's Mills.
LULA ALMA WOOD,	Compher.
GRACE WRIGHT,	Croton.

III. DOANE ACADEMY.

FACULTY.

EMORY W. HUNT, D. D., LL. D.,
PRESIDENT OF DENISON UNIVERSITY.

H. RHODES HUNDLEY, Sc. D.,
PRINCIPAL.
English and History

CHARLES B. WHITE, A. M.,
Latin.

BUNYAN SPENCER, A. M.,
Greek.

MALCOLM E. STICKNEY, A. M.,
Sciences.

BIRNEY E. TRASK, C. E.,
Mathematics.

WILLIAM E. ARTER,
Assistant in Preparatory Year.

CHARLES B. WHITE	Registrar
MALCOLM E. STICKNEY	Secretary

HISTORY OF DOANE ACADEMY.

This school was organized in 1831, as a preparatory department of the Granville Literary and Theological Institution. As the latter school developed, becoming first Granville College and finally Denison University, the preparatory department remained a fundamental part of this educational plant.

In 1887, for the purpose of adding to the attractiveness of the department and of increasing its efficiency, it was made a separate school and named Granville Academy.

In 1894, the school received from Dr. William Howard Doane, of Cincinnati, the gift of a beautiful and commodious building, costing \$30,000. As an expression of gratitude for this generous gift, at their annual meeting in 1895, the board of trustees changed the name of this school to "Doane Academy."

AIMS.

It is the special aim of the Academy to bestow the best quality of instruction preparatory to College. In addition to the preparatory work, however, the curriculum has been so enlarged as to furnish to those not intending to pursue a course in College a first-class Academic education.

ADVANTAGES OF LOCATION.

The school is located at Granville, Licking County, Ohio, a village noted for the beauty of the surrounding scenery and the healthfulness of its climate, and for the intelligence and high moral character of its citizens. The quiet of the place is highly con-

ducive to earnest study. The absence of saloons and all places of gambling and vice makes Granville an ideal place for young people. The social atmosphere is pure and elevating and offers to young men an opportunity for the cultivation of those graces which will enable them to appear well in good society.

ROOMS FOR STUDENTS.

A portion of one of the dormitory buildings of Denison University has been set apart to the purposes of the Academy. It contains rooms for students, all of which are under the supervision of the Dean of the Academy, and subject at all times to his inspection.

The rooms are arranged in suites, each suite consisting of a study 12 by 15 feet, a bedroom 8 by 11 feet, and two small closets. Each suite is designed for two students.

The rooms have been recently refitted and provided with all necessary furniture. They are lighted with electric light and heated with hot water radiators, connected with the central heating and lighting plant. There are lavatories with hot and cold water, shower baths, etc., on every floor.

If any student prefers to room elsewhere, or if at any time he finds all the rooms in the dormitories assigned to others, he can always obtain in the village at moderate cost pleasant rooms, either furnished or unfurnished.

COURSES OF STUDY.

REGULAR COURSES.

There are three regular courses of study — the Classical, the Philosophical, and the Scientific — leading to corresponding courses in the College. Each of these courses extends through three years. The holder of a diploma of Doane Academy is admitted without matriculation fee or examination to the Freshman Class in Denison University. Although these courses have been arranged with special reference to the curricula of the University, they will be found in the main sufficient to prepare for entrance into any American College.

PREPARATORY YEAR.

It frequently happens that young men whose preparation is defective apply for admission to the Academy. To meet the demands of such cases, a year of instruction in elementary branches is prescribed.

SPECIAL STUDIES.

When the demand is sufficient to justify the formation of classes in Book-keeping and Penmanship, these subjects are taught by competent instructors.

Special English and Normal courses of study will be provided for teachers, and for those who desire to fit themselves to teach, in the common schools.

ELECTIVE STUDIES.

When the reason seems to be sufficient, students are allowed to make a judicious choice of elective studies, but this choice is never permitted to interfere with the work of the regular classes in which such studies may be elected.

ADMISSION OF STUDENTS.

Although students are admitted at any time, they enter to the best advantage at the beginning of the Fall Term. Those who desire to enter after the school year has begun should, by correspondence with the Dean, ascertain before-hand, as nearly as possible, the progress that has been made by the class which they purpose to enter.

CONDITION OF ADMISSION.

The requirements for admission to the Junior Class are the studies of the Preparatory year; and to advanced standing, the studies previously pursued by the class which the applicant desires to enter.

No student will be admitted who is not fitted to do well the work of the Preparatory year.

An applicant not personally known to some member of the Faculty must furnish testimonials of good character, and, if from another institution, he must present a certificate of honorable dismissal.

COURSES OF INSTRUCTION.

III

DENISON UNIVERSITY.

PREPARATORY YEAR.

FALL TERM.

1. *English*. — Grammar.
2. *Mathematics*. — Arithmetic.
3. *History*. — United States.

WINTER TERM.

1. *English*. — Grammar and Analysis.
2. *Mathematics*. — Arithmetic.
3. *History*. — United States.

SPRING TERM.

1. *English*. — Composition.
2. *Mathematics*. — Arithmetic.
3. *Civil Government*.

JUNIOR YEAR.

FALL TERM.

1. *Latin*. — Grammar and First Latin Book.
2. *Mathematics*. — Algebra.
3. *History*. — General.
4. *English*. — Two hours per week.

WINTER TERM.

1. *Latin*. — First Book continued.
2. *Mathematics*. — Algebra.
3. *History*. — General.
4. *English*. — Two hours per week.

SPRING TERM.

1. *Latin*. — Cesar's Gallic War, Book I.
Latin Prose Composition.
2. *Mathematics*. — Algebra.
3. *History*. — General.
4. *English*. — Two hours per week.

MIDDLE YEAR.

I.

CLASSICAL COURSE.

1. *Latin*.—Cæsar's Gallic War and Latin Prose Composition continued.
2. *Greek*.—Grammar and First Lessons.
3. *Science*.—Elementary Physics.
1. *Latin*.—Cæsar's Gallic War and Latin Prose Composition continued. Cicero's Orations against Catiline.
2. *Greek*.—First Lessons continued.
3. *English*.—Rhetoric.

II.

PHILOSOPHICAL COURSE.

FALL TERM.

1. *Latin*.—Cæsar's Gallic War and Latin Prose Composition continued.
2. *Science*.—Physiology (advanced).
3. *Science*.—Chemistry.

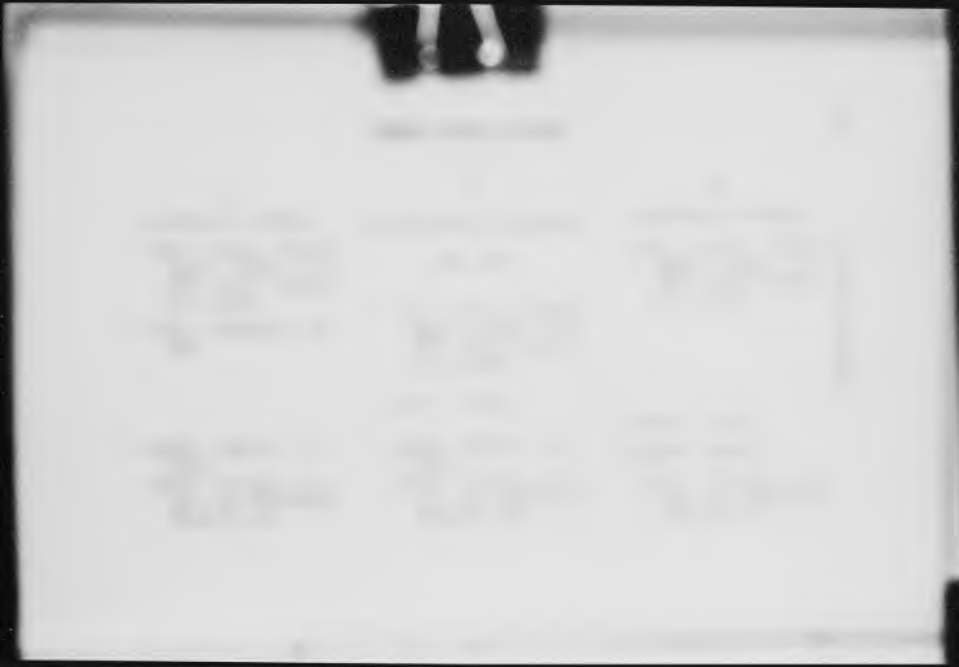
WINTER TERM.

1. *Latin*.—Cæsar and Prose Composition continued. Cicero's Orations against Catiline.
2. *Science*.—Chemistry, 2 hrs. recitation, 2 hrs. laboratory per week; Physiology, 2 hrs. recitation, 2 hrs. laboratory per week.
3. *English*.—Rhetoric.

III.

SCIENTIFIC COURSE.

1. *Latin*.—Cæsar's Gallic War and Latin Prose Composition continued.
2. *Science*.—Physiology (advanced).
3. *Science*.—Chemistry.
1. *Latin*.—Cæsar and Latin Prose. Cicero's Orations against Catiline.
2. *Science*.—Chemistry, 2 hrs. recitation, 2 hrs. laboratory per week; Physiology, 2 hrs. recitation, 2 hrs. laboratory per week.
3. *English*.—Rhetoric.



THEORY

1. The first part of the theory is the definition of the terms used in the theory.

2. The second part of the theory is the definition of the terms used in the theory.

3. The third part of the theory is the definition of the terms used in the theory.

4. The fourth part of the theory is the definition of the terms used in the theory.

5. The fifth part of the theory is the definition of the terms used in the theory.

6. The sixth part of the theory is the definition of the terms used in the theory.



CORRECTION!!!

The previous document(s) may
have been filmed incorrectly...

Reshoot follows

MIDDLE YEAR—Concluded.

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I.

CLASSICAL COURSE.

1. *Latin*. — Cicero's Orations against Catiline, and Latin Prose Composition continued.
2. *Greek*. — Xenophon's *Anabasis*.
3. *English*. — Rhetoric continued.
General Exercises. — Essays and Declamations during the year.

II.

PHILOSOPHICAL COURSE

SPRING TERM.

1. *Latin*. — Cicero's Orations against Catiline, and Latin Prose Composition continued.
2. *Science*. — Botany.
3. *English*. — Rhetoric continued.
General Exercises. — Essays and Declamations during the year.

III.

SCIENTIFIC COURSE

1. *Latin*. — Cicero's Orations against Catiline, and Latin Prose Composition continued.
2. *Science*. — Botany.
3. *English*. — Rhetoric.
General Exercises. — Essays and Declamations during the year.

SENIOR YEAR.

I

CLASSICAL COURSE

1. *Latin*.—*Virgil's Aeneid*, Books I, II, III. Prosody and Mythology.
2. *Greek*.—Xenophon's *Anabasis* continued. Greek Prose Composition.
3. *Mathematics*.—Plane Geometry.
4. *English*.—One hour per week.

II.

PHILOSOPHICAL COURSE

FALL TERM

1. *Latin*.—*Virgil's Aeneid*, Books I, II, III. Prosody and Mythology.
2. *Science*.—Physics.
3. *Mathematics*.—Plane Geometry.
4. *English*.—One hour per week.

III.

SCIENTIFIC COURSE.

1. *Latin*.—*Virgil's Aeneid*, Books I, II, III. Prosody and Mythology; or *French*.—Grammar and Reader; or *Greek*.—Grammar and First Lessons.
2. *Science*.—Physics.
3. *Mathematics*.—Plane Geometry.
4. *English*.—One hour per week.

SENIOR YEAR—Continued.

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I.

CLASSICAL COURSE

1. *Latin*. — Virgil's *Aeneid* Books IV., V., VI., Prosody and Mythology continued.
2. *Greek*. — *Anabasis* and Composition continued.
3. *Mathematics*. — Solid and Spherical Geometry.
4. *English*. — One hour per week.

II.

PHILOSOPHICAL COURSE

WINTER TERM

1. *Latin*. — Virgil's *Aeneid* Books IV., V., VI., Prosody and Mythology continued.
2. *Science*. — Physics.
3. *Mathematics*. — Solid and Spherical Geometry.
4. *English*. — One hour per week.

III.

SCIENTIFIC COURSE

1. *Latin*. — Virgil's *Aeneid* Books IV., V., VI., Prosody and Mythology tinued; or
French. — Bevier's Grammar, Whitney's Reader, Daudet and Victor Hugo; or
Greek. — First Lessons continued.
2. *Science*. — Physics.
3. *Mathematics*. — Solid and Spherical Geometry.
4. *English*. — One hour per week.

DENISON UNIVERSITY.

SENIOR YEAR—Concluded.

I

CLASSICAL COURSE

1. *Latin*.—Cicero's Orations, Poet Archias, Manilian Law, Marcellus, Latin Prose Composition.
2. *Greek*.—Xenophon's Anabasis and Greek Prose Composition continued.
3. *Mathematics*.—Algebra.
4. *English*.—One hour per week.
General Exercises.—Orations during the year.

II

PHILOSOPHICAL COURSE

WINTER TERM.

1. *Latin*.—Cicero's Orations and Prose Composition.
2. *Science*.—Physics, 3 hrs.
3. *Mathematics*.—Algebra, 5 hrs, Geometry, 2 hrs.
4. *English*.—One hour per week.
General Exercises.—Orations during the year.

III

SCIENTIFIC COURSE

1. *Latin*.—Cicero's Orations and Prose Composition; or
French.—Modern Prose and Poetry; Racine's *Athalie*; or
Greek.—Xenophon's Anabasis.
2. *Science*.—Physics, 3 hrs.
3. *Mathematics*.—Algebra, 5 hrs, Geometry, 2 hrs.
4. *English*.—One hour per week.
General Exercises.—Orations during the year.

CLASS WORK.

REGULARITY AND PUNCTUALITY.

Every student, unless excused for special reasons, is expected to attend at least three recitations each school day. His attendance on these, and on the special or public exercises of the class or of the Academy must be punctual.

Parents are especially urged to encourage students to be present at the opening of the term, and to remain at their work till its close. Absence from the duties of the school, whether occasioned by absence from town or by the entertainment of friends, is subversive of the highest good of the student. His pleasure, or that of his friends, should never be permitted to interfere with his daily duties.

EXAMINATIONS.

Examinations are held at the close of each term, and at intervals during the term, at the discretion of the instructor. If a student's grade for a given term in a given class falls below six-tenths of the maximum, he forfeits his right to continue as a member of the class. In determining his grade, his examination mark has half the power of the average of his term marks. Regularity in work, good conduct, spelling and diction are considered as elements in making up the student's standing.

RULES FOR EXAMINATIONS.

1. All students, whether candidates for the diploma of the Academy or not, are required to attend all examinations in the studies they pursue, unless excused by merit.

2. No student whose examination in any study is reported as "*Incomplete*," will receive credit for that study until after the examination has been completed. In case, however, the examination be not completed within one year, the unfinished study will be regarded and treated as "*Not Passed*."

3. Any student reported as passed "*Conditionally*" in any work, must remove the condition within one year from the date of the examination in which it was incurred; otherwise he shall be regarded and treated as "*Not Passed*."

4. Any student reported as "*Not Passed*" in any study will receive no credit for that study until he has again pursued it as a regular class exercise, and has passed the regular examination in the same.

5. Giving or receiving aid in any examination is deemed grossly immoral, and will be visited with severe punishment.

6. A student who is absent from examination, without consent previously obtained, must present to the Faculty a written statement of the cause of his absence; and the reason must be accepted as sufficient before he can enter his class.

7. A student who, having been absent from a regular examination in any class, applies for a special examination, or any student who takes an examination for the removal of a condition, must present to the instructor the Treasurer's receipt for the examination fee before receiving credit for such special examination.

RULES GOVERNING ABSENCES FROM CLASS EXERCISES.

I. If a student shall be absent no more than five times from any class exercise during one term, these absences shall be treated as excused.

II. The absences in excess of five shall be treated as *excused or unexcused*, at the discretion of the instructor.

III. Five unexcused absences acquired in one term, or twenty amassed in different terms, will place the student subject to discipline by the Faculty of the University.

IV. When a student has been absent more than five times from any class, if these absences have been consecutive, he shall be required to pass an examination upon the part of the work covered by the period of absences; if the absences have occurred at different periods during the term, the examination shall be upon such part of the work of the term as the instructor shall determine. The student's standing for the period of absences shall be determined by this examination.

V. These examinations shall not be considered special examinations.

VI. Every student who shall have been present at every recitation of a class during the term shall have his three lowest marks in that class changed into that mark above 60 of which he has the greatest number.

REPORTS.

At the close of each term of study the Secretary of the Faculty mails to the parent or guardian of each student in the Academy a report of the standing attained by such student in each study pursued during the term, together with a record of his absences and deportment.

Reports concerning individual students will also be furnished by the Dean at any time during the term upon the request of the parent or guardian.

PRIZES.

IRVING-CICERO LITERARY PRIZE CONTEST.

For several years a spirited and friendly rivalry

has existed between the two literary societies of the Academy. As a result of this the societies held for several years a public literary contest with no reward in view except that of the honor of being victor.

To stimulate this desire for honor and encourage faithful work in the societies, the faculty of the University adopted the following resolutions:

1. That the contest be held during the Winter term of each year.
2. That the winner of the contest in Declamation be granted a scholarship for the Spring Term of the current school year.
3. That the winner of the contest in Essay be granted a scholarship for the Fall Term of the next school year.
4. That the winner of the contest in Oration be awarded a scholarship during the Spring and Fall Terms next after the term in which the contest takes place.
5. That the winner of the debate receive a scholarship for three successive terms, beginning with the term next after that in which the contest occurs.

SHERWIN SCHOLARSHIP PRIZES.

H. A. Sherwin, Esq., of Cleveland, has established in the Academy a first and second prize of \$50 and \$25, respectively. These prizes are unique in their terms. The conditions of award are changed every year, and are announced only at the close of the year. Excellence in general scholarship with personal merit, excellence in Greek, excellence in Latin, and acquaintance with matters of current interest have

been made the basis of award in different years since the prizes were established.

ATHLETIC PRIZES.

A number of prizes are awarded for excellence in certain athletic exercises of the Field Day of Denison University. For all these prizes members of the Academy are permitted to compete, and several of them are each year won by Academy students.

GRADUATION APPOINTMENTS.

THE HONOR MEN.

The member of the graduating class whose average standing during the Middle Year and the Fall and Winter Terms of the Senior Year is highest, is the last speaker on the programme of Graduation Day, and is called the Valedictorian. To the member of the class whose rank is next highest, is given the first place in the programme with the title of Salutatorian. No student who has not recited with the classes of the Academy in at least twelve full studies during these five terms of school, can receive either of these appointments.

OTHER SPEAKERS.

Every student who is eligible to the Diploma of the Academy writes an oration, and, having signed it with a fictitious name, hands it to the Dean of the

Academy before April 15. The orations thus prepared are read to a committee whose members are ignorant of the authorship of the productions, and those four that are considered best are selected as the orations to be presented at the graduating exercises of the Academy.

EXPENSES.

The following is a summary of the principal necessary expenses during the Academic year:

TUITION	\$34 00
Divided as follows: Fall Term, \$13; Winter and Spring Terms, \$10.50 each.	
ROOM RENT —Fall and Winter Terms, \$15 each, Spring Term, \$10; (rooms furnished, lighted, heated and cared for).	40 00
INCIDENTALS —Fall Term, \$3; Winter, \$2.50. Spring, \$2.50	8 00
Athletic fee , Fall Term \$1.50. Winter and Spring, \$1.00 each	3 50
Books	12 00
BOARD —39 weeks at \$2 per week	78 00
Washing	12 00
Sundries	6 00
Total for a year	\$193 50

The Laboratory fee for students in *Chemistry* is \$3.00 a term; in *Physics*, \$1.00 a term.

The fee for Diploma at Graduation is two dollars.

Fee for late registration, 50c on second day of the term and \$1.00 after second day.

A fee of \$2 is charged for each special examination.

Board in clubs costs from \$2 to \$2.50 per week;

in families, \$3 to \$3.50. When board costs over \$2 per week, the excess must be added to the estimate given above. Many students reduce their expenses below that sum. Rooms in the village are always to be had at prices ranging from 50 cents per week up. In the estimate above, reference is made to rooms in the dormitories, and includes heat, light, furniture and baths.

All term bills are to be paid, or satisfactory security for their payment lodged with the Treasurer, at the beginning of each term, before students take their places in their classes. No charge for tuition, room rent, or incidentals will be for less than half a term.

Text-books and stationery can be obtained at the Denison Book Exchange or in the village.

The really necessary expenses of a student for a year, exclusive of clothing and traveling, range from \$175 to \$250.

MISCELLANEOUS.

Government.

It is the desire to establish and maintain a relation of confidence between teacher and pupil, and to stimulate those sentiments which mature into Christian manhood. Students are encouraged in self-government, and to this end the greatest possible freedom is accorded them; but they are continually taught the difference between liberty and license, the duty of practicing that self-denial which is necessary to the highest good both of themselves and of their fellows. While it is the aim of this school to do all the good possible to every student, it is in no sense a reform school, and no student whose influence is found to be injurious will be suffered to remain.

No student of the Academy is allowed to be absent from town, except upon permission previously obtained from the Dean.

Indulgence in profanity, card playing, the use of intoxicating liquors or tobacco, or visiting any place of questionable character, renders the student liable to suspension.

Moral and Religious Influences.

The whole life and administration of the school, without being sectarian, are pronounced and positive in favor of the Christian religion. The exercises of

each day begin with Scripture reading and prayer in the Chapel. This service the students are required to attend. They are also required to attend Church twice each Sunday. Two regular weekly prayer meetings are sustained by the students. Members of the Academy are made welcome in the various Sunday Schools of the village. In the Baptist Sunday School, several classes, taught by College and Academy Instructors, are intended expressly for students.

Scholarships.

By a vote of the Board of Trustees, the President of Denison University may remit the tuition of a limited number of students in cases of necessity. A few scholarships, surrendered by the original purchasers, are under the control of the Faculty, and are assigned by them at the beginning of each year.

Voluntary Societies.

There are connected with the Academy and conducted by the students, two literary societies—the Ciceronian and the Irving. Each society has its own hall, which is neatly and tastefully furnished, and in which it holds weekly meetings.

The students of the Academy are also admitted to membership in the Denison University branch of the College Y. M. C. A., in the Scientific Association and in the Athletic Association of Denison University.

Public Exercises.

During the year the Literary Societies each hold three special public meetings—an "extra" at about

the time of the Thanksgiving recess, an "Annual" near the end of the Winter Term, and a "Commencement" toward the close of the year. The graduating exercises of the Academy are held during the Commencement week of Denison University. Members of the class completing the work of the Academy participate in the programme. The diploma of the Academy is given to each student who completes in a satisfactory manner any of the regular courses of study.

Dismissal.

No student who leaves the school before the close of a term will be considered as having honorably severed his connection with the Academy unless he has been duly dismissed by the Dean.

Any further information may be obtained by communicating with the Dean of the Academy.

Schedule of Recitations.
FALL TERM

Class	7:40	9:00	10:00	11:00	1:00	2:20
Preparatory	Arithmetic		Grammar			History
Junior	Algebra.	Latin I		Ancient History	Latin II.	English (2).
Middle Cl.	Physics		Greek I	Greek II.		Latin.
Ph. Sc.		Chemistry	Physiology			Latin
Senior Cl.	Physics	English (1.)	Latin	Geometry.		Greek.
Ph. Sc.	Physics	English (1.)	Latin (Latin)	Geometry. Geometry	French German	

WINTER TERM

Class	7:40	9:00	10:00	11:00	1:00	2:20
Preparatory	Arithmetic		Grammar			History
Junior	Latin I	Algebra.		Med. History.	Latin II.	English (2.)
Middle Cl.	Greek I.		Rhetoric.	Greek II.		Latin.
Ph. Sc.	Chemistry (4)		Rhetoric.	Physiology (4)		Latin.
Senior Cl.	Geometry.	Latin	English (1.)		Greek.	
Ph. Sc.	Geometry Geometry	Latin (Latin)	English (1.) English (1)	(French) (French)	Greek. Physics. Physics	

SPRING TERM

Class	7:40	9:00	10:00	11:00	1:00	2:20
Preparatory		Arithmetic		Grammar		Civil Govt.
Junior	Latin I	Algebra		Med History.	English (2)	Latin II.
Middle Cl.	Rhetoric	Greek I			Latin.	Greek II.
Ph. Sc.	Rhetoric.		Botany.		Latin.	
Senior Cl.			Latin.	Algebra.	Greek.	English (1.)
Ph.	Geometry (2) Physics (4)		Latin.	Algebra		English (1.)
Sc.	Geometry (2) Physics (4)	(French) German	Latin.	Algebra		English (1)

AWARDS IN 1903.

COMMENCEMENT SPEAKERS.

Scholarship.

First Honor, Valedictorian EDWARD ROLAND DAVIS.

Second Honor, Salutatorian DON CLYDE KITE.

Competitive Oration.

CLAUDE EDWARD BOYER. WILLIAM GEAR SPENCER.

GUY HALL ORCUTT.

Irving-Cicero Contest.

Declamation, CHAS. W. SHINN, Cicero.

Essay, EDGAR GARFIELD HARNER, Cicero.

Oration, JOSEPH HOWELL LLOYD, Irving.

Debate, EARL RANKIN BULL, Irving.

Sherwin Prizes.

First Prize, Fifty Dollars DON CLYDE KITE.

Second Prize, Twenty Dollars JESSE JOSIAH RUNYAN.

DIPLOMAS GRANTED IN JUNE 1903.

WILLIAM EDWARD ARTER,	CHARLES FRANKLIN MAT-
HOWARD LEROY BETHEL,	THEWS.
FREEMAN EARL BOLLINGER,	WILBUR FRANKLIN MAXWELL.
CLAUDE EDWARD BOYER,	CALVIN EARL McMILLEN,
EMERSON SCHLONEKER CLEM,	ALBERT KING MORRIS.
CLYDE COLBY,	GUY HALL ORCUTT,
DAVID DALE CONDIT,	JOHN CLINTON PRIOR,
GUY CARLETON CRIPPEN,	JESSE JOSIAH RUNYAN,
EDWARD ROLAND DAVIS,	QUINCY LOCKE SANBORN,
LAWRENCE CLIFTON IRWIN,	WILLIAM GEAR SPENCER.
ALBERT BARROWS JONES,	RAYMOND HULTS TRACEY.
DON CLYDE KITE,	ROY LESLIE WELLS,
FRANKLIN GIBBERSON LARUE,	GEORGE WASHINGTON WY-
WILLIAM HERBERT LUSE,	MER.

STUDENTS IN DOANE ACADEMY.

Senior Class.

ROSS EDWIN ADGATE,	Niles.
FRANK ASHMORE,	Granville.
SIMON BAILEY,	Clermont, Ind.
LEROY DOUGLAS BARNETT,	Zanesville.
RAY EVERET BAUGHER,	Hebron
CAMBRIDGE GRAHAM BECKEL,	Granville
RAYMOND AUGUSTUS BELT,	Granville
HOMER CURTIS BROWN,	Newark

FLOYD DAIL CARLOCK,	Alexandria.
ARTHUR BILLINGS CHAFFEE,	Marshall, Tex.
FRANK HURD COX,	Macksburg.
RAYMOND CLYDE DITTO,	Delphos.
DANIEL SHEETS DYE,	Raven Rock, W. Va.
JOHN WALLACE FULLER,	Columbus.
PHILIP GOBLE HAINES,	Payette, Idaho.
ELSOR HEATER,	St. Paris.
ROMEO ARSBAN JOHNSON,	Newark.
HILDRETH CASTLE LINDSAY,	Zanesville.
JOSEPH HOWELL LLOYD,	Youngstown.
JAMES C. LOUGHRIDGE,	Granville.
JUSTIN WARREN MCKIBBEN,	Walnut Hills, Cin.
ALBERT CLEVELAND PENCE,	St. Paris.
DAVID CLAYTON RAILSBACK,	Granville.
FRANK MIX ROBBINS,	Cincinnati.
WILLIAM MORRIS SMITH,	Granville.
CHARLES HEDGES STARRETT,	Granville.
WILLIAM LEE TOWNSEND,	Zanesville.
VORA SAMUEL WARNER,	Granville.
HERBERT JOSEPH WICKENS,	Macksburg.
BRUCE TORRENCE WORK,	Granville.

Middle Class.

WILFRED CONAWAY BOLIN,	Newark.
EARL RANKIN BULL,	Dayton.
CHARLES AUGUSTINE CAERMAN,	Granville.
THEODORE GEORGE ERLER,	Toledo.
WILLIAM ELMER FORSYTHE,	Granville.
EDGAR GARFIELD HARNER,	Philadelphia, Pa.
HORACE HOLMES HUNT,	Granville.
ALFRED HINTON JAMES,	Glouster.
JAMES FRANKLIN McDONNELL,	Postboy.
FRANK WAYLAND MORLEY,	Sandusky.
PAUL WILLIAM PARKHURST,	Clyde.
CHARLES AUSTIN PURINGTON,	Connellsville, Pa.

MONTRAL GOBLE SHAW,	Nice
WILLIAM HARLEY SMITH,	Mansfield.
WILLIAM ROBERT TAYLOR,	Toledo.
WILLIAM HOLLAND THOMPSON,	Cedar Rapids, Neb.
HARVEY JUDSON WALKER,	Triplett, W. Va.
HARRY HOMER WILLIS,	Granville.
HARRY ROSS YALE,	Waynesfield.

Junior Class.

ARDA JAY BOWSER,	Newcastle, Pa.
EMERSON OTHO BRADSHAW,	Wilgus.
FORREST EUGENE BRYANT,	Toledo.
NEWTON HANSCOME CARMAN,	Granville.
HARRY CHILCOTE,	Newark.
ALBERT MILTON DIXON,	Zanesville.
LOUISE FERGUSON,	Granville.
ROBERT JOHN LAMSON,	Toledo.
HOMER MCPHERSON LAYCOCK,	Alexandria.
HARRY WESLEY METZ,	Newark.
CARL V MILLER,	Oakley, Mich.
LOUIS ALBERT MITCHELL,	Newark.
ALFRED SHEPARDSON ORCUTT,	Granville.
HARRY EDSON ORR,	Newark.
GEORGE DOUGLAS PHILLIPS,	Medina.
WILLIAM KENNISTON POWELL,	Columbus.
THOMAS DAVID REES,	Newcastle, Pa.
HERBERT DELOS SCOTT,	Geneva.
HARRY BENNETT TAMERLYN,	Cleveland.
ELMER MILLER VANCE,	Hillshoro.
FRED HAROLD WILLIS,	Granville.
ARCHIE LEWIS WISEMAN,	Wilgus.

Electives.

HARVEY JAMES ALEXANDER,	Newark.
CARLETON WILLIAM ATWATER,	Cleveland.
WILLIAM HENRY BERRY,	Cambridge.
FRED REXFORD BURNSIDE,	Alexandria.
LOUIS HENRY BURR,	Toledo.

RAY ELLSWORTH CARMAN,	Granville.
HARLEY LEROY CHAPIN,	New London
CLYDE COLBY,	Madison
ERNEST CORNELL,	Alexandria
WALTER LEROY CUMMINS,	Powert
STEPHEN AUGUSTUS DOUGLAS,	Mansfield
LOUIS WILLIAM FISHER,	Sidney.
CHARLES ERNEST FLEMING,	Frazeysburg
WILLIAM HENRY FOWLE,	Milwaukee, Wis.
ROBERT HOLLAND FRAZEE,	Springfield, S. D.
OTTO GROVER GRAMICH,	Mackshurg
WALTER NEWDOME GRIMMELL,	Cleveland
ARTHUR HANDLEY HIXON,	Newark
WILLIAM KELLEY HOPKINS,	Rendville.
LEON WADE HOYT,	Norwalk
EDGAR ORSON JONES,	Fairport, N. Y.
ELLIS PETER LEBLER,	Dayton
HOWARD LERSCH,	Elyria
WILLIAM GLIDDEN LEWIS,	Toledo
HAROLD CHERSNEY McCALL,	Hefron
DAVID HUGH MILLER,	South Whitley, Ind
GEORGE WALLACE NICHOLS,	Bedford
GUY HALL OSCUTTE,	Granville
LOUIS TIMEROH PAULSON,	Newark
WILLIAM ALEXANDER PAYNE,	Rendville
THOMAS PHILLIPS,	Niles
CLIFFORD FRANCIS POWERS,	Norwalk
CHARLES PROSE,	West Jefferson
SAMUEL ATTICUS REEKS,	Ashland City, Tenn.
VICTOR HUGO SALKELD,	Perry
CLAUDE MADISON SANGER,	Chicago, Ill.
EARL READ SCHEFFEL,	Dayton
ORLEY HENRY SEE,	Shelby
WILLIAM GEAR SPENCER,	Granville
JOHN CRISWELL SWARTZ,	Granville
LEON RUTHERFORD TAYLOR,	Avon-by-the-Sea, N. J.
CLARENDON HERBERT THORPE,	Alexandria
RALPH MAXIMILIAN TREJZI,	Jamesstown

TOYOYUKI WATANABE,

Tam Sui, Formosa.
Japan

CAREY WOOFER,

Williamstown,
W. Va**Preparatory Year.**

BENJAMIN DORR,

Toledo.

Unrecorded From Last Year.

CLIFFORD MCCLINTOCK PHILPOT,

Summerville, Pa.

FRANK MIX ROBBINS,

Cincinnati.

FRANCIS EARL DETER,

Dayton.

ARCHIE LEWIS WISEMAN,

Wilgus.

HERMAN WESLEY WEBER,

Dayton.

IV. CONSERVATORY OF MUSIC.

BOARD OF CONTROL.

EMORY W. HUNT, HARRIET M. BARKER.

FACULTY.

ARTHUR L. JUDSON.

MANAGER.

*Professor of the Violin; Harmony, Orchestra, Form,
History.*

JENNIE ELIZABETH BLINN.

Voice, Counterpoint.

ELLEN SOPHIA RANSOM.

Piano.

ELIZABETH M. BENEDICT.

Pipe Organ and Piano.

SARA EDNA STRANATHAN.

Voice, Theory and Elementary Harmony.

GRACE VIVIENNE BUTT.

Piano, Ensemble Classes.

DEPARTMENTS OF INSTRUCTION.

- I. Course in Piano.
- II. Course in Voice Culture.
- III. Course in Violin.
- IV. Course in Organ.
- V. Course in Theory: a. Theory and Elementary Harmony. b. Advanced Harmony. c. Counterpoint. d. History of Music. e. Analysis of Form.
- VI. Ensemble Classes. a. Chorus. b. Orchestra. c. Piano. d. String Quartette. e. Glee Club. f. Sight-reading Class. g. Mandolin Club.

I. COURSE IN PIANO.

This course embraces five grades, extending from a well organized juvenile department (the teachers of which have made special preparation for this branch of the work), to pupils capable of pursuing advanced work.

It is a difficult matter to specify a set course adapted to the needs of all pupils, so it has seemed best to suit the work to individual requirements. Such a course includes:

- I. Technical exercises, intended to give control of the muscles of fingers, hands and arms.
- II. Etudes by best composers, both of classical

and modern school, designed further to develop powers of execution.

II. VOICE.

True cultivation of the voice involves the study of the control of the entire human body. Wrong voice production is the result of wrong mental and muscular action.

Special attention, therefore, is given to correct standing position, perfect control of breath, freedom of throat, agreeable facial expression, and distinct enunciation. It is intended to follow closely the ways of the great English masters, who combine the best elements of the old Italian school (represented by Lamperti) with certain ideas belonging to the German school.

The teachers in this department aim to give the pupils a foundation training, which will preserve the voice, and strengthen the throat, as well as attain the great end — the making of beautiful tones.

III. VIOLIN.

Realizing the comparative inefficiency of a prescribed course of study in the Violin Department for pupils whose ability and temperament must differ widely, the last three grades of the course have been omitted, the work done being left to the discretion of the teacher. The course will consist of five grades requiring at least four years to complete. The needs of all beginners being similar, the first three grades are studied as follows:

FIRST GRADE.

Mazas, Violin School.
Wohlphart, Op. 45 Book I.
Kayser, Op. 20, Book I.
Meerts, 12 Elementary Studies.

SECOND GRADE.

Wohlphart, Op. 45, Book II.
Dont, Op. 38.
Kayser, Op. 20, Book II.
Dancla, Op. 68.

THIRD GRADE.

Mazas, Op. 36, Suite I.
Kayser, Op. 20, Book III.
Kreutzer Etudes (first half).

The studies for the next two grades will be selected according to the needs of the pupil, from the following works:

Kreutzer Etudes (last half).
Mazas, Op. 36, Book II.
Alard, Op. 41, Suites I and II.
Rode, 24 Caprices.
Schrædich, Technical Studies.
Bendix, Scale Studies.
Fiorillo, 36 Caprices.
Campagnoli, Seven Positions.
Dancla, Op. 73.
Leonard, "La Gymnastique du Violiniste."
Ronelli, Etudes.
Concertos, De Beriot, 7, 9.
Ballet Fantasia, Viotti, 22, 23.

Bazzini, Militaire; Vieuxtemps, Ballade and Polonaise.

Sonatas, Corelli, Handel, Nardini, Mozart, Grieg, Op. 8, 45.

IV. COURSE IN ORGAN.

Through the generosity of Doctor W. H. Doane of Cincinnati, a beautiful Hook and Hastings Organ was installed in the Recital Hall during the summer of '02, so that instruction is now offered upon this instrument.

The course in Organ will follow that of the best teachers in the large cities, but adapted to the needs of the individual pupil. Selections of studies will be made from the works of Rinck, Lemmens, Whiting, Dunham, Foote and Whitney, for the purpose of acquiring a good manual and pedal technique and thorough knowledge of registration. The organ works of J. S. Bach, Mendelssohn, Guilmant and Lemaigre will also be studied, and selections made from the works of the best English and American composers.

The aim of the course will be to make the instruction thoroughly practical, in order that the student may be capable of filling a church position, after completing the course. To this end, extensive experience in playing hymns, accompaniments of anthems, solos, etc., will be required, and hints given as to their proper rendering, so that one will become familiar with everything that an organist is expected to understand.

A class in Church Music will be maintained, where a good opportunity will be offered to acquire experience in playing a complete church service before the class with hints in choir directing.

V. COURSE IN THEORY.**(a) Theory and Elementary Harmony.**

FIRST TERM.

Acoustics, musical terms, notation.

SECOND TERM.

Scale formations. Intervals.

THIRD TERM.

Triads, chords of dominant seventh, connection and inversion.

(b) Advanced Harmony.

FIRST TERM.

Secondary seventh chord, chromatic changes, modulations.

SECOND TERM.

Modulations (original), with drill in writing and playing. Suspensions.

THIRD TERM.

Part writing in score. C clef. Chants and chorals. Original chord writing.

Text-book: Chadwick's Harmony.

(c) Counterpoint.

FIRST TERM.

Equal and unequal counterpoint, in four parts.

SECOND TERM.

Equal and unequal counterpoint in two and three parts.

THIRD TERM.

Double and triple counterpoint.

(d) History of Music.

This course deals with the origin and development of Instruments, Notation and Form from a historical standpoint. It comprises weekly lectures, extending through three terms, a definite course of reading, essays by the pupils, and a series of historical recitals illustrating the lectures. A carefully selected library of books of history, biography and reference furnishes ample material for the pupils' reading.

(e) Analysis of Form.

The work in this class will supplement that of the history class and will be open to those who have finished that work, or have given satisfactory proof that they possess the necessary musical knowledge. There will be weekly recitals alternating with lectures, historical and explanatory, and the performance and exposition of some acknowledged masterpiece of the form under discussion. This course is especially designed to enable its students to become intelligent hearers and critics of good music. The Canon, Fugue, Sonata, Symphony, Song, Opera and many of the smaller forms will be studied.

VI. ENSEMBLE CLASSES.**a. Chorus.**

The choral society is open to all who are prepared for this work. It is under efficient direction, and furnishes an opportunity for studying the best choral compositions.

b. Orchestra.

An opportunity will be given to those sufficiently advanced in the use of orchestral instruments to play in an orchestra of twenty-five pieces. The orchestra.

now in its fourth year, has made such advancement that it already occupies a prominent place in the work of the Conservatory. Symphonies, overtures, orchestral accompaniments and smaller pieces, classical and modern, will be studied during the course of the year.

c. *Piano.*

All piano pupils of sufficient advancement are expected to do work in ensemble classes, duet and quartette. This work is especially designed to give independence in sight reading and familiarize the pupils with standard compositions.

d. *String Quartette.*

Two string quartettes (two violins; viola and cello) are maintained for the purpose of affording pupils in violin department practice in ensemble work.

e. *Denison University Glee Club.*

This organization has proved so successful during the past two years that its permanency is an assured fact. It consists of sixteen male voices picked from the best material in the school. It is customary to fill many important outside engagements during the school year, the number filled growing larger each year. The club is under the direction of Mr. Judson.

f. *Sight-reading Class.*

A class in sight-reading and ear-training is open to voice pupils.

g. *Denison University Mandolin and Guitar Club.*

This Club has been but recently formed and has a membership of twenty. It is essentially popular in character and studies many of the best imported compositions. It will accompany the Glee Club in its

trips besides filling dates of its own. Mr. Judson is director.

REQUIREMENTS FOR GRADUATION.

Diplomas will be granted to students who have pursued the course of study prescribed for their special department, and have given evidence of requisite musical ability. This diploma will be granted only to those who display artistic ability in public performance. To students completing prescribed work but not desiring to make a specialty of public performance a certificate stating the amount and character of the work done will be given.

Theoretical work required in all departments is: Theory and Elementary Harmony, three terms. Advanced Harmony, three terms. Counterpoint, three terms. History of Music, three terms. Analysis of Form, two terms. In voice and violin departments pupils will be required to pursue the study of piano sufficiently (three terms as a minimum), to enable them to read easy accompaniments at sight.

In addition to the work required in the Conservatory, candidates for graduation will be required to complete the following academic studies: One year of Modern Language; English and Mathematics corresponding to entrance requirements for Denison University.

The presentation of satisfactory evidence that this work has been completed elsewhere, will be accepted upon same terms as in Denison University.

NOTICE.—Classes in Theory are open to all pupils free of charge. The Ensemble Classes, Practice Clavier and Sight-reading class are free advantages.

EXPENSES BY TERMS.**Fall Term—14 Weeks.**

Pianoforte, voice, violin, organ; private half-hour lessons twice a week	\$16 00
Pianoforte, voice, violin, organ; private half-hour lessons once a week	8 00
Harmony, class lesson three hours a week	5 00
History of Music	2 00
Musical Form	2 00
Rent of piano per hour	05
Rent of Music	50
Fee for use of Library	1 00
Children's lessons; two hours a week in classes	2 50
Choral Society initiation fee, not required from voice pupils	1 00
Choral Society term dues	25

Winter Term—12 Weeks.

Pianoforte, voice, violin, organ; private half-hour lessons twice a week	\$14 00
Pianoforte, voice, violin, organ; private half-hour lessons once a week	7 00
Harmony; class lessons three hours per week	4 00
Other expenses as in Fall Term	

Spring Term—10 Weeks.

Pianoforte, voice, violin, organ; private half-hour lessons twice a week	\$12 00
Pianoforte, voice, violin, organ; private half-hour lessons once a week	6 00
Harmony; class lessons three hours per week	3 00
Elementary Harmony	1 00
Other expenses as in Fall Term	

NOTICE—The Ensemble Classes and the practice on the Clavier are free advantages to piano pupils.

GENERAL INFORMATION.

Students may enter at any time, but cannot register for less than a half term.

All students are under obligation to perform at the regular examinations and recitals, according to the discretion of the teacher, and are not allowed to perform in public without the consent of the instructor.

The circulating library furnishes all necessary music for students.

The length of the course depends upon the native talent and the perseverance of the student.

Artists' recitals take place during the school year, which pupils are enabled to attend by payment of a small fee.

Pupils' recitals occur semi-monthly. All music students are expected to be present.

Public recitals are given at close of Fall and Spring terms.

Pupils desiring to enter the Senior Class in Piano will be expected to have satisfactorily completed the work preparatory to the fifth grade. If the preliminary work in any special department and the required theoretical work shall have been done elsewhere than in the Conservatory an examination on such work will be given at the beginning of the Senior year. All members of the Senior class will be expected to take part in at least three recitals during the Senior year, in addition to final performance at the Commencement.

Requirements for Graduation and Tuition Fees.

	First Year	Second Year	Third Year	Fourth Year
Piano.	Theory 3. Piano 3. \$15.	Harmony 3. Piano 3. \$14.	Counterpoint 3. History of Music 3. Piano 3. \$20.	Musical Form 2. Piano 3 ($\frac{1}{4}$). \$25.50
Voice.	Theory 3. Piano 3 ($\frac{1}{4}$). Voice 3. \$24.	Harmony 3. Voice 2. \$24.	Counterpoint 3. History of Music 3. Voice 2. \$20.	Musical Form 2. Voice 3. \$16.
Violin.	Theory 3. Piano 3 ($\frac{1}{4}$). Violin 3. \$24.	Harmony 3. Voice 2. \$24.	Counterpoint 3. History of Music 3. Violin 3. \$20.	Musical Form 2. Violin 3. \$16.
Organ.	Theory 3. Piano 3. \$15.	Harmony 3. Organ 3. \$14.	Counterpoint 3. History of Music 3. Organ 3. \$20.	Musical Form 2. Organ 3 ($\frac{1}{4}$). \$25.50.

Numbers after subjects indicate number of terms; in parentheses, indicate fraction of time when less than full time may be taken; in left lower corner, tuition for the year; and at the end of course tuition for the entire four years. This covers only tuition; incidentals, library fees, piano and organ rental, and graduation fees extra.

\$109.50.

\$224.

\$214.

\$192.50.

STUDENTS IN CONSERVATORY OF MUSIC.

Seniors—Piano.

FRANCES DWIGHT JOHNSON,	Parkersburg, W. Va.
HARRIET ANTOINETTE ROGERS,	Granville.

Pipe Organ.

MARY CATHERINE TUTTLE,	Granville.
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Violin.

ROSALIE ST. CLAIR HISEY,	Dayton.
CORA WILLIAMS,	Alexandria.

Unclassified.

CARLETON WILLIAM ATWATER,	Cleveland.
MAGGIE BANTA,	Dayton.
JULIET BARKER,	Granville.
ANNA BELL BEATTIE,	Norwalk.
DELILAH BLANCHE BOWMAN,	Maxville.
MRS. R. E. BROWN,	Cincinnati.
HONOR BUCKLAND,	Granville.
MABEL BUTTERFIELD,	Granville.
CHARLES CARMAN,	Granville.
NEWTON CARMAN,	Granville.
CLARICE CARROLL,	Alexandria.
IRENE M. CHAMBERS,	Amanda.
JOHN A. CHERNEY,	Cleveland.
IRVING CLEVELAND,	Franklin.
PAUL CLEVELAND,	Franklin.
MABEL AXLINE CLOMAN,	Deavertown.
MAMIE CLOSSMAN,	Zanesville.
CLYDE COLBY,	Madison.
EMILY COLWELL,	Granville.
DAVID DALE CONdit,	Jersey.
RAMA CLAIRE COX,	Macksburg.
SARAH BELLE COX,	Macksburg.
JOHN GARDINER CROSS,	Narragansett Pier, R. I.
DELLA F. CUNNINGHAM,	New Matamoras.
NELLIE HALE DAVIES,	Gaysport.

GORTON DAVIS,	New York.
ADA L. DAY,	Newark.
RAYMOND CLYDE DITTO,	Delphos.
EDITH ETHEL DITTO,	Delphos.
LORETTA FRANCES EAGLESON,	Granville.
MARY EMRICK,	Dayton.
PEARL FERGUSON,	Granville.
ESTHER MARIAN FIELD,	Granville.
MARY FLEMING,	N. Columbus.
ADDIE FLEMING,	Browning, Mo.
LEONARD JULIUS FOX,	Dayton.
WILLIAM HENRY FOWLE,	Omaha, Neb.
GEORGINA FRANCES,	Newark.
ROBERT HOLLAND FRAZER,	Springfield, S. D.
DAISY A. GARDER,	Dunkirk, Ind.
ABBIE GEACH,	Granville.
MAMIE GEACH,	Granville.
LISTA GEIL,	Granville.
FLORENCE ALINE GROVE,	Newark.
KATIE GRANGER,	Granville.
MARY CROSSLEY HALL,	Newark.
CELIA M. HAMMOND,	Alexandria
MARY D. HARRIS,	Newark.
BESSIE HARE,	Newark.
ELSIE HIRSCHBERG,	Newark.
JOSEPH HIRSCHBERG,	Newark.
JESSIE V. HOFFMAN,	Newark.
STELLA HOWARD,	Newark.
STELLA HUMBERT,	Howard.
CARRIE KASSAN,	Johnstown
LIDA MARIA KING,	Newark.
IVA LARASON,	Newark.
MAMIE B. LAWYER,	Newark.
MAUDE LAYTON,	Dayton.
HELEN LECHONE,	Millersport.
EDNA LEEDE,	Springfield.
ELLIS PETER LEGLER,	Dayton.
WILLIAM GLIDDEN LEWIS,	Toledo

JOSEPH LLOYD,	Granville.
FLORENCE SAREPTA MARSH,	Granville.
CHARLES FRANKLIN MATHEWS,	Richwood.
MARGARET MCKIBBEN,	Granville.
MARY CAROLINE MEGGINSON,	Grand Rapids.
BERTHA IONA MILES,	Johnstown.
LILLIAN MILLER,	Newark.
LULU PEARL MILLER,	Granville.
IDA MOORE,	Newark.
FLORENCE MARY NICKELS,	Toledo.
BELLE NEWTON,	Bowling Green.
BESSIE OGLE,	Granville.
MARY OWEN,	Newark.
MARY B. PALMERTON,	Granville.
THOMAS PHILLIPS,	Wilkesbarre, Pa.
LENA PAGE,	Twin Bridges, Mont.
FORREST PRESTON,	Alexandria.
FRANCES WELLS PRIEST,	Newark.
WILLIAM K. POWELL,	Columbus.
RALPH WILLIS QUICK,	Ft. Collins, Col.
ANNA RIEGER,	Newark.
CAREY RILEY,	New Matamoras.
LOTTIE RODERICK,	Massillon.
ELLA ROBERTS,	Granville.
MARY ROSENBAUGH,	Hebron.
BERTHA MAY RYAN,	Paris, Ill.
CLAUDE SANER,	Chicago, Ill.
VICTOR H. SALKELD,	Perry.
BESSIE GERTRUDE SALKELD,	Perry.
MARY SCOTT,	Wooster.
OXLEY H. SEE,	Shelby.
EDNA EARLE SHEETS,	Columbus.
MACIE SHIRER,	Newark.
ADA SHAFER,	Granville.
JOHN WHITCOMB SHEPARDSON,	Chicago, Ill.
NELLIE L. SMITH,	Granville.
RUTH SPEED,	Newark.
LEROY SARGENT,	Bellefontaine.
GWYLADYS SPENCER,	Granville.

ELLA GRACE STANTON,	Newark.
GRACE ELIZABETH STENGER,	Granville.
CHRISTINE STRUBLE,	Fredericktown.
SARAH ELEANOR THOMAS,	Bay City, Mich.
ELIZABETH THORNTON,	Granville.
CLARENDEN HERBERT THORPE,	Alexandria.
MINNIE G. TIGHT,	Granville.
MRS. EMMA TIPPET,	Granville.
JESSIE TOMPKINS,	Sylvania.
HESSIE TRUMPER,	London.
ALICE TUTTLE,	Granville.
MRS. VAN ORSDER,	Twin Bridges, Mont.
FLORENCE ELIZABETH WALTZ,	Joliet, Ill.
BLANCHE KATE WARD,	Marietta.
EDITH FRANCES WATSON,	Granville.
MARY B. WELLER,	Newark.
GRACE WELLS,	Granville.
KATHRYN ZELLA WHITE,	Johnstown.
HELEN WILLIAMS,	Granville.
EDITH WOODARD,	Granville.
OPHE WOOFER,	Troy, W. Va.
BRUCE WORK,	Granville.
JESSIE WORK,	Granville.
RUTH WORK,	Granville.
HARRY R. YALE,	Waynesfield.
GRACE EDNA YOAKAM,	Homer.

V. SCHOOL OF ART.

HELEN GARRETT,

DIRECTOR.

Drawing, Painting, Wood-carving.

CARIE MARIE HOWLAND,

China Painting

HARRIET M. BARKER,

History of Art.

The Art Course is arranged as follows :

I. CHARCOAL DRAWING.

FIRST GRADE.

Geometrical solids in outline,—also in light and shade.

Principles of Elementary perspective.

Cast drawing from Historic ornament; masks; hands and feet; details of human face.

Simple studies from still life.

SECOND GRADE.

Advanced cast drawing from the antique. More elaborate studies from still life. Sketching from life.

THIRD GRADE.

Cast drawing continued from the full length figure.

Drawing from life costumed model.

II. WATER COLORS AND OIL.

In this work, thorough study is given to Composition, Color, Textures, Values, Light and Shade.

Besides the work of the regular courses, classes may be formed in China Decoration, Pyrography, Ornamental Wood-Carving, Clay Modelling, etc.

Water color painting is taught according to the French and English method, great attention being given to technique.

Those registered for regular work in the Art studio are admitted, free of charge, to the class in

History of Art, which embraces the study of architecture, sculpture, painting and the lives of the great masters.

An Art Reception will be given during Commencement week, at which time the work done in the studio during the year, will be on exhibition. For this reason it is important that the work be left in charge of the Director of the Department until the close of the year.

The Art graduates are invited to leave one specimen, each, of their work, as a gift to the College.

Pupils will receive certificates from the Art Department after having completed the required course of three years.

TUITION IN SCHOOL OF ART.

Fall Term.

Painting, Water Colors	\$16 00
Oil Colors	16 00
China	16 00
Pastel	14 00
Black and White	14 00
Ornamental Wood Carving	16 00
Pyrography — Ten lessons	5 00

Winter Term.

Painting, Water Colors	\$14 00
" Oil Colors	14 00
" China	14 00
Pastel	12 00
Black and White	12 00
Ornamental Wood Carving	14 00
Pyrography — Ten lessons	5 00

Spring Term.

Painting, Water Colors	\$12 00
" Oil Colors	12 00
" China	12 00
Pastel	10 00
Black and White	10 00
Ornamental Wood Carving	12 00
Pyrography — Ten lessons	5 00

STUDENTS IN ART.**Drawing.**

HELEN CORNWELL HILL,
IDA MOORE,
FLORENCE PARRISH

J. W. SHEPARDSON,
ALICE SMITH,
ELLA KATHERYNE SMITH,
ANNA GRACE WAGNER,
FLORENCE ELIZABETH WALTZ

Marietta.
Newark.
Roslyn Farm, Car-
negie, Pa.
Chicago, Ill.
Granville.
Zanesville,
Fredericktown
Joliet, Ill.

Water Color and Oil Painting.

MRS. W. BLAIR CLARK,
MAMIE EMMA CLOSSMAN,
LUCY HILL,
GWENDOLYN JONES,
LOUISE INGHAM HUMPHREY,
WINIFRED MEAD.

Granville.
Zanesville,
West Jefferson
Granville.
Granville.
Pierre, S. D.

China Painting.

ELSIE COWLAM HUSTED,	Norwalk.
MARTHA GRACE HARFORD,	Granville.
MRS. GEORGE MARSH,	Granville.
HELEN WILLIAMS,	Granville.

Pyrography.

MRS. W. BLAIR CLARK,	Granville.
HELEN CORNWELL HILL,	Marietta.
ANNA LOUISE MERRIFIELD,	Mendota, Ill.
EVA LOUISE ROCKWOOD,	Union City, Pa.
MARY SCOTT,	Wooster.
GENEVIEVE BOOTH SHEPARD,	Wyoming.
BLANCHE KATE WARD,	Marietta.
GRACE WRIGHT,	Croton.

ORATORY AND ELOCUTION.

MISS ECKERT.

The work in this department is along the line of science as well as that of art. Until recently but little attention was paid to the underlying principles of expression. The subject was taught almost entirely as an *imitative* art. Progressive thinkers have now so developed and systematized the constituent elements of voice and action that the study of oratory is taking a place by the side of the sister sciences in the best curricula in our country. In recognition of this fact the University gives credit, as an elective study, to work done in Oratory and Elocution, in proportion to the number of hours taken. The following courses are offered, each occupying one college term.

I. *Principles of Elocution.* A study of vocal organs and muscles; methods of breathing; vocal culture for purity, strength, compass, flexibility and sustaining power. Study and application of vocal elements; form, degree, stress, quality. First principles of action.

II. *Principles of Elocution.* Vocal culture continued. Study and drill in the vocal elements; pitch, degree, change, melody, time, quantity, pause, movement. Completion of principles of action. Analysis, preparation and rendition of selections. Criticism of application of elements.

III. *Literary Analysis and Rendition.* Development of individuality in voice and action. Lectures on analysis, mind, concentration, imagination, memory, scene building and interpretation. Individual study of selections from every style. Rendition of prescribed selections and criticism by members of class and instructor.

IV. *Argumentation and Debate.* Lectures on ex tempore speaking, principles of debate, preparation of briefs, arrangement of argument, team work, and rebuttal. Ex tempore speeches and debates required of every student.

V. *Original Orations.* Lectures on styles of address, kinds of discourse, construction of speeches, ancient, mediæval and modern oratory, and the sources of eloquence. Declamation of selections from great orators. Preparation and delivery of topical speeches and original orations.

VI. *English Classics.* Lectures on Shakespeare, Dickens, Browning, and Tennyson. Study, interpretation, and memoriter rendition of one of Shakespeare's plays. Interpretative analysis of one other play and of selections from other English masters.

SUMMARY OF STUDENT ATTENDANCE.

Graduate Students,		1
Seniors, Granville College,	18	
Shepardson College,	8	
Shepardson two years' Course,	1	
	—	27
Juniors, Granville College,	17	
Shepardson College,	15	
	—	32
Sophomores, Granville College,	44	
Shepardson College,	15	
	—	59
Freshmen, Granville College,	39	
Shepardson College,	13	
Shepardson College two year's Course,	5	
	—	57
Electives, Granville College,	42	
Shepardson College,	43	
	—	85
Doane Academy, Senior Year,	30	
Middle Year,	19	
Junior Year,	22	
Introductory Year,	1	
Electives,	45	
	—	117
Shepardson Preparatory, Senior Year,	9	
Middle Year,	14	
Junior Year,	15	
Electives,	20	
	—	58
Conservatory of Music, Seniors,	5	
Unclassified,	128	
	—	133
School of Art,		24
Total enrollment, exclusive of all repetitions,		451

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DENISON UNIVERSITY.

The Seventy-second
ANNUAL CATALOGUE
of
Denison University
for the year
1902-1903



GRANVILLE, OHIO
1903

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DEPARTMENTS
OF
DENISON UNIVERSITY

Denison University Comprises Five Departments:

- I. GRANVILLE COLLEGE.
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 - IV. THE CONSERVATORY OF MUSIC.
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-

For Catalogue or other information,
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UNIVERSITY CALENDAR.

1903.

March	21	Tuesday	Spring Term begins at 9 a. m.
May	14	Thursday	Senior Vacation begins.
June	1-6	Tu., Wed., Sat.	Examinations.
June	7	Sunday	Baccalaureate Sermon, 10 a. m. Sermon before Christian's Association, 8 p. m.
June	8	Monday	Field Day. Commencement Concert, 8 p. m.
June	9	Tuesday	Graduating Exercises of Deaf Academy, 10 a. m. Scripture Prize Reading, 8 p. m. Lewis Literary Prize Contest, 8 p. m.
June	10	Wednesday	Class Day Exercises, 10 a. m. Business Meeting of the Alumni. President's Reception, 8 p. m.
June	11	Thursday	University Commencement, 10 a. m. Alumni Dinner.
September	9	Wednesday	Thermometer for Admissions.
September	10	Thursday	Fall Term begins at 9 a. m.
Nov.	20-21	Tu. and Wed.	Thanksgiving Recess.
December	16	Friday	Fall Term ends.

1904.

January	4	Monday	Winter Term begins 9 a. m.
January	24	Thursday	Day of Prayer for Colleges.
March	21-22	Mon., Tu., Wed.	Examinations.
March	23	Wednesday	Winter Term ends.
March	29	Tuesday	Spring Term begins.
June	9	Thursday	Commencement.

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DAVID ZOLLARS, Esq., Canton.

AMBROSE SWANEY, Esq., Cleveland.

Class II — Term Expires in 1904.

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C. T. LEWIS, ESQ.,	Toledo.
D. M. SHEPARDSON, ESQ.,	Granville.
W. H. DOANE, MUS. D.,	Cincinnati.
E. CANBY, ESQ.,	Dayton.
REV. H. F. COLBY, D. D.,	Dayton.
REV. W. E. STEVENS,	Dayton.
G. M. PETERS, ESQ.,	Cincinnati.
REV. C. A. EATON, D. D.,	Cleveland.
REV. M. BRELSFORD,	Urbana.
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J. K. MCINTIRE, ESQ.,	Dayton.
REV. G. E. LEONARD, D. D.,	Granville.
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J. B. THRESHER, ESQ.,	Dayton.
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J. B. TREVOR, ESQ.,	Cincinnati.
REV. J. L. CHENEY, PH. D.,	Cleveland.
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PROF. A. D. COLE,	Columbus.

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CORRECTION!!!

The previous document(s) may
have been filmed incorrectly...

Reshoot follows

FACULTY OF INSTRUCTION AND OTHER OFFICERS.

* THE UNIVERSITY FACULTY.

EMORY W. HUNT, D. D., LL. D., PRESIDENT,
Maria Theresa Barney Professor of Intellectual and Moral Philosophy,
Residence, President's House, College Hill.

JOHN L. GILPATRICK, A. M., Ph. D.,
Benjamin Barney Professor of Mathematics,
Prospect Hill.

RICHARD S. COLWELL, D. D.,
Professor of the Greek Language and Literature,
Prospect Hill.

GEORGE F. McKIBBEN, A. M.,
Professor of Romance Languages,
Elm Street, near Plum.

CHARLES L. WILLIAMS, A. M.,
Professor of Historic and English Literature,
West Elm Street.

WILLIAM H. JOHNSON, A. M.,
Eliza E. Barney Professor of the Latin Language and Literature,
Rough Street.

C. JUDSON HERRICK, M. S., Ph. D.,
Professor of Zoology,
Rough Street.

H. RHODES HUNDLEY, D. Sc.,
Dean of Home Academy, with rank of Professor in University Faculty,
Elm and Cherry Streets.

* The term "University Faculty," as used in this catalogue, includes all persons giving instruction in the various departments of the University; the department initials include in each case all persons giving instruction in the department in question.

CLARK WELLS CHAMBERLAIN, A. B.,
Henry Chisholm Professor of Physics and Chemistry,
West Elm Street.

THOMAS L. WATSON, M. S., PH. D.,
Professor of Geology and Mineralogy,
East Broadway.

WILLIS A. CHAMBERLIN, A. M.,
Professor of the German Language and Literature,
West College Street.

HARRIET MARIA BARKER, A. M.,
History of Art,
Burton Hall.

WILL H. BOUGHTON, C. E.,
Assistant Professor of Civil Engineering,
Plum Street.

W. BLAIR CLARK, M. S.,
Instructor in Chemistry,
West Elm Street.

AUGUSTINE S. CARMAN, A. B.,
Lecturer in History,
South Cherry Street.

BUNYAN SPENCER, A. M., B. D.,
Associate in Philosophy and Instructor in Greek,
East Broadway.

NELLIE A. MONTGOMERY, A. B.,
English Literature and History,
Shepardson Cottage.

CHARLES B. WHITE, A. M.,
Instructor in Latin,
Mount Parnassus.

SUSAN MAXWELL MOORE,
Pianoforte, Ensemble Classes,
Thresher Hall.

DENISON UNIVERSITY.

JENNIE ELIZABETH BLINN,

Voice, Counterpoint.

* Thresher Hall.

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*FRED L. HUSTON, A. B.,

Instructor in Greek.

C. EDMUND NEIL, A. M.,

Instructor in Oratory and Elocution.

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MARY EWART ADKINS, A. B.,

Physiology, and Physical Training.

King Hall.

ANNA B. PECKHAM, A. M.,

Latin Language and Literature.

King Hall.

CLARA ANNE DAVIES, B. S.,

Science.

King Hall.

ARTHUR JUDSON,

Professor of the Violin; Harmony, Orchestra, Form, History of Music.

Thresher Hall.

W. W. STOCKBERGER,

Instructor in Science.

Plum Street.

FREDERICK E. CLUFF,

Pipe Organ and Piano.

Thresher Hall.

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Instructor in Mathematics and Assistant in Physics.

EDNA STRANATHAN,

Assistant in Voice, Ensemble Classes, Theory.

Thresher Hall.

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President of the University.

J. L. GILPATRICK, PH. D.,

Dean of Granville College.

R. S. COLWELL, D. D.,

Registrar of the University.

H. R. HUNDLEY, D. Sc.,

Dean of Doane Academy.

HARRIET M. BARKER, A. M.,

Dean of Shepley College.

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Dean of the Conservatory of Music.

DENISON UNIVERSITY.

OTHER OFFICERS.

R. S. COLWELL,

Registrar, and Secretary to the Faculty.
(Office, C. H. West Hall, Second Floor, Front.)

WILL H. BOUGHTON,

Treasurer.
(Office, room 7, Doane Academy.)

REV. A. S. CARMAN,

Educational Secretary of the University.
(Office at Residence, South Cherry Street.)

W. BLAIR CLARK,

Treasurer, *Shepardson College*.
(Office in Thresher Hall.)

MRS. HELEN M. HUNT,

Matron of *Shepardson College*.
(Office in Burton Hall.)

ANNA B. PECKHAM,

Secretary of Faculty of *Shepardson College*.
(Office in King Hall.)





THE COLLEGE STEPS

GENERAL INFORMATION.

LOCATION.

Granville, the home of Denison University, is situated in Licking County near the geographical center of Ohio. The moderately elevated and partly wooded hills by which it is surrounded furnish one of the most restful and beautiful landscapes in the State,—a natural environment admirably adapted to the spirit and purpose of college life. The community is of New England origin, and the continued resemblance of its daily life to that of the best type of New England village is frequently remarked. The intellectual, moral and religious level of the population is high, and every endeavor is made to bring students under the best influences. The introduction of saloons was prohibited by the vote of the people as soon as the laws of the State made such action possible, and no saloon has existed within the limits of the corporation for many years.

Granville is on the line of the Toledo & Ohio Central Railroad, and by electric cars to Newark has connection with all points on the Baltimore & Ohio, and the Pittsburgh, Cincinnati & St. Louis roads. It also has electric car connections with Columbus, Springfield, Dayton and various other points.

BUILDINGS.

The University in its various departments occupies sixteen buildings. Among these may be mentioned:

I.
GYMNASIUM. The structure now used as a gymnasium was the main college building previous to 1856. It is a three story frame, 68 feet long by 32 feet deep.

II.
ACADEMY DORMITORY. This building was erected in 1856 to provide dormitories, literary society halls and lecture rooms. In 1887 it was set aside for the use of Academy students. It is of brick, 132 feet long, 45 feet deep and four stories high.

III.
COLLEGE DORMITORY. This is a four story brick building, 133 feet long by 66 in depth, erected 1869-71. It contains dormitories for college students, lecture rooms, the Hall of the Young Men's Christian Association and the Book Exchange.

IV.
DOANE HALL. This was erected in 1878 for the University Library, by Dr. W. Howard Doane. It is of brick and stone, built in the form of a cross, and well adapted to its purposes. Its shelves now contain nearly 30,000 bound and unbound volumes.

V.
BARNEY MEMORIAL HALL. This building is the gift of E. J. Barney, Esq., erected in memory of his father, Eliam E. Barney, LL.D., one of the firmest friends of the University in its earlier days. It contains 44 rooms, devoted entirely to scientific work. A sixty-horse power electric plant in the basement furnishes light for the various buildings of the University and electric current for purposes of instruction and experiment. A large storage battery furnishes current up to sixty amperes, for lights and laboratory purposes, when the dynamos are not running. Steam and gas are also thoroughly distributed for heating, lighting and laboratory uses. The

building is of buff pressed brick, 142 feet long and 78 feet deep. The various departments of scientific study have their laboratory and lecture rooms here. Several thousand dollars' worth of apparatus has been added during the last few years. This includes many of the best and most recent devices for physical, chemical, geological and biological research. A machine shop with power-lathes, wood-working machinery, screw-cutting tools and forge enables students to gain skill in apparatus construction. Regular classes in the shop usually work three hours a week through the Winter. Much valuable apparatus has in this way been added to the laboratories.

VI.
DOANE
ACADEMY.

This building, in addition to the Principal's office, the lecture rooms and society halls of the Academy, for which it is especially designated, contains the offices of the President and Treasurer, the President's lecture room, the lecture room of the department of English, and the University Chapel. It is of Oakland pressed brick and Amherst stone, and is three stories high above the basement. It was presented to the University by Dr. W. Howard Doane.

VII.
BURTON HALL.

This is a three story brick building, erected for the use of Shepardson College, in 1888. The interior is light and cheery in appearance, restful and homelike in effect, and complete in all its appointments.

VIII.
KING HALL.

King Hall was erected at a later date, to provide for the increasing patronage of the school, and contains rooms for about thirty young women. The rooms are of the same size, simi-

larly furnished, and open into corridors surrounding a large central court.

IX. DINING HALL. Teachers and students of Shepardson College, living on the College grounds except those in the Club House, take their meals in the Dining Hall, a bright, spacious room, fully equipped for its purposes and easily accessible to the two Halls above described, and the smaller cottages as well.

X. CONSERVATORY BUILDING. This is the gift of Professor and Mrs. A. C. Thresher, and is located on Cherry Street, opposite the square occupied by the buildings last described. It is devoted entirely to the Conservatory of Music, and contains fifteen rooms for instruction and practice.

XI. RECITAL HALL. The Recital Hall stands on Cherry Street, by the side of the Conservatory building. It is furnished with opera chairs and has a raised floor, giving each spectator an uninterrupted view of the stage. The stage is equipped with raised platform, has seating capacity for a chorus of seventy-five voices, and is furnished with Steinway concert grand and parlor grand pianos and a pipe organ, the gift of Dr. Doane.

LIBRARY PRIVILEGES.

The University Library is open under liberal regulations to the Faculties and students of all departments, and its contents are classified and arranged according to the Dewey system, thus enabling the reader to ascertain the resources of the Library on any given subject in the shortest possible time.

Aside from the general library there is also in Barney Memorial Hall, a large collection of special

scientific literature, including sets of the publications of Scientific Societies in all parts of the civilized world, and files of many scientific periodicals, American and Foreign. The Marsh Memorial Library, in King Hall, founded by Dr. and Mrs. Shepardson in memory of their daughter, Mrs. Lide Shepardson Marsh, furnishes a valuable collection of books for missionary and Bible study.

SCIENTIFIC PUBLICATIONS.

The "Bulletin of the Scientific Laboratories," published by the scientific departments under the auspices of the "Denison Scientific Association," affords an opportunity for the publication of original work by students in the several departments.

The "Journal of Comparative Neurology" is published quarterly from the department of Zoology, and affords an avenue of publication for the researches conducted in the neurological laboratory. It has the support and co-operation of the most distinguished neurologists of the day, not only in America but in all foreign lands where this important branch of scientific investigation is pursued.

Each of these publications has a large exchange list, and the scientific library is rich in serial literature.

LITERARY SOCIETIES.

There are six literary societies maintained in the different departments of the University, — The Calliopean and Franklin, open to all students in Granville College; the Ciceronian and Irving, of Doane Academy; the Euterpean and Philomathean, for the young women of Shepardson College. These all maintain

regular weekly meetings, and with but two exceptions have halls of their own.

CHRISTIAN ASSOCIATIONS.

There are maintained in the University vigorous branches of both the Young Men's Christian Association and the Young Women's Christian Association. These organizations maintain regular classes in systematic Bible Study, the Young Men's Association offering a four years' course comprising the Life of Christ, the Apostolic Age, Old Testament Biography, and New Testament Doctrines. Students taking this course receive certificates upon successful examination at the end of each year, and at the end of the course a diploma, under the auspices of the International Committee of the Young Men's Christian Association, Bible Study Department. Every phase of school life is represented in the membership of these organizations, and the zeal shown in the work is earnest and unremitting.

MORAL AND RELIGIOUS INFLUENCES.

The entire life and administration of the University, while avoiding sectarianism, is positively and emphatically in favor of the Christian religion. The exercises of each day begin with prayer in the University Chapel, and thus service the students in all departments are required to attend. They are also expected to attend morning and evening church services each Sunday, full liberty being allowed to conscientious denominational preferences in selecting a place of worship. Students are welcomed in the various Sunday Schools of the village, and in the Baptist Sunday School there are several classes taught by University instructors and

intended expressly for students. During the current year, January 25 — February 1, a series of Bible Lectures and Evangelical Addresses was delivered by the Rev. Elmore Harris, D. D., President of the Toronto Bible Training School.

AIM.

The University has long enjoyed an honorable reputation for thoroughness, and other excellencies of mental discipline, and to maintain and advance this reputation, as far as possible, is the constant aim of Trustees and Faculty. Every possible resource will be employed to develop young men and young women in the most earnest and successful manner, physically, intellectually, and morally.

REGULARITY AND PUNCTUALITY.

Each term opens with the Chapel service, on the morning of the day scheduled in the University calendar. No student is allowed to be absent a term, or leave town during term time, without permission from the President, since absence from any University exercise, even for a few days, entails serious loss.

Punctuality at the beginning of the term is especially desired, as losses incurred by beginning behind one's classes can never be fully repaired. Although students will be admitted at any time, it is highly desirable that they begin their studies with the Fall Term. If the attendance is expected to be for but one term, that term is the best; if for longer, the regularity secured by beginning with the opening of the school year, in September, adds greatly to the profit of the study.

Every student, unless excused for special reasons, is expected to attend at least three recitations or lectures each day. Careful records are kept by the University officers, from which each student's character for punctuality as well as for attainments in his studies can at any time be ascertained. This information will be furnished to parents or guardians at the end of each term, and at any other time, on application to the President.

ABSENCES.

1. Each student shall be allowed as many absences per term in a given subject as there are exercises per week in that subject, which absences shall not affect the term grade.

2. For absences in excess of this allowance the instructor shall deduct from the term grade one half of one per cent for each absence in studies which have four or five periods per week, one per cent in studies which have two or three periods per week, and two per cent in studies which have one period per week.

3. For each avoidance of an allowed absence the instructor shall add to the term grade by the scale of percentages enumerated in rule 2, except that no term grade shall be advanced beyond 100.

4. If the absences from Chapel exceed ten per cent, the student shall be summoned before the Faculty and such penalty shall be imposed as the Faculty may determine.

EXAMINATIONS.

A rigid examination of every class is held at the close of each term, usually both oral and written. A grade below six-tenths of the maximum for the given term in any class, regularity and good conduct being

factors in class standing, forfeits the right of the student to continue as a member of the class, but he may restore his standing by fulfilling such conditions as his instructor shall impose.

RULES FOR EXAMINATIONS.

1. All students, whether candidates for degrees or not, are required to attend all examinations in the studies they pursue.

2. No student whose examination in any study is reported "incomplete," will receive credit for that study until after examination has been completed, and such completion must in all cases be within one year from date of original examination.

3. Students falling below a grade of sixty in any study shall be reported to the Registrar either as "Conditioned" or "Not Passed." Any student reported as "Conditioned" may receive full credit for the study in question by fulfilling the imposed condition previous to the beginning of the third term thereafter. Any student reported as "Not passed," shall receive no credit for the study in question, and in order to complete his course must pursue the study again in class, or when that is impossible, in such way as the Faculty may direct.

THE DENISON SCIENTIFIC ASSOCIATION.

This society aims, in the words of its constitution:

- (a) To afford opportunity for the interchange of ideas by those interested in the various sciences.
- (b) To collect, record, and disseminate information bearing on the sciences.

(c) To stimulate interest in local natural history and to preserve notes and specimens illustrating the same.

It has been the means of much good in arousing a desire for original scientific investigation, and the interest in its work is constantly increasing.

For information concerning the *Bulletin of the Scientific Laboratories*, published under the auspices of this association, address the Permanent Secretary, W. W. Stockberger.

THE DENISON LANGUAGE ASSOCIATION.

This association was organized during the past year to stimulate interest in language study and unify the work of the various language departments of the University. All members of the University, whether students or teachers, may have their names placed upon the membership roll upon request, and no membership fee is required. Its meetings are held in Association Hall, Barney Memorial Building, every other week, alternating with the meetings of the Scientific Association. As the aims and working of the association come to be fully understood it is expected to be of great service to the linguistic and literary studies of the University.

THE DENISON ORATORICAL ASSOCIATION.

The aim of this organization is to promote interest in public speaking. Under its auspices a local contest is held each year to determine who shall be the representative of the college at the Inter-Collegiate Oratorical Contest. Occasional contests in debate with other colleges have also been arranged.

THE DENISON ATHLETIC ASSOCIATION.

The Athletic Association looks after the work in the gymnasium and provides other forms of physical culture, at once interesting and profitable to the student. The payment of an annual fee of one dollar, assessed by the University, constitutes each male student a member of this association, entitled to all its privileges and to a vote in its management. During the past year it has come into possession of a fine athletic field, presented by F. P. Beaver, Esq., of Dayton.

PRIZES AND HONORS.

The following prizes have been established in the University:

1. The Lewis Literary Prize Contest. Charles T. Lewis, Esq., of Toledo, offers to the Franklin and Calhoun Literary Societies the following prizes, to be obtained by literary contests during Commencement week: Forty dollars to the best debater, thirty dollars to the best orator, twenty dollars to the best essayist, and ten dollars to the best declaimer.

2. The Samson Talbot Prize Reading. This prize foundation is for the best reading of Scripture and is open to Seniors and Juniors. The prizes are \$40 and \$20 respectively.

3. The Daniel Shepardson Bible Book Prizes. At the Alumni Dinner, June 1902, Rev. Daniel Shepardson, Ph.D., of the class of 1888, offered two prizes, of \$50 and \$25 respectively, for the best book-studies upon certain books of the Bible. The contest is open, without distinction of sex, to members of the

Sophomore, Junior and Senior classes. In case sufficient interest is developed it is expected that these prizes will be made permanent. The conditions for the current year are as follows:

(1.) The book-study must be upon Joel or Amos in the Old Testament, or upon Mark or Galatians in the New.

(2.) It must contain between 4,000 and 7,000 words, and treat of the authorship, date, circumstances, purpose, general outline of thought, and the great teachings of the book.

(3.) The contestant must have a good general college standing in character and work.

(4.) There must be at least five bona fide contestants, if award is to be made.

(5.) The study must be in the hands of the Committee of Award by May 10th, at the latest.

4. Athletic Prizes. A number of prizes are awarded for excellence in certain sports and athletic exercises of Field Day.

PRIZES AWARDED IN JUNE, 1903.

The Lewis Contest: DEBATE, *Calliopean*, Mark Winchester; ORATION, *Calliopean*, E. J. Cherney; ESSAY, *Franklin*, F. S. LaRue; DECLAMATION, *Calliopean*, O. C. Montgomery.

The Sampson Talbot Prize Reading: First prize, Lewis Wilbur Smith; second prize, Hubert Leland Nichol.

SCHOLARSHIP FUNDS.

For deserving students in need of assistance the University has at its disposal the annual income of the following funds :

1. The Mary K. Monroe Fund, of \$30,000. The income of this fund is available for ministerial students in Granville College, and in the Theological Seminaries after graduation from Granville College.

2. The King Scholarship Endowment, of \$12,000, for the aid of young ladies in Shepardson College.

3. The Ebenezer Thresher Fund, of \$10,000, for the aid of young men in Granville College.

4. The M. E. Gray Fund, of \$5,000, for the aid of ministerial students in Granville College.

5. The David and Jane Harpster Fund, of \$5,000, available for students in Granville College and Doane Academy.

6. The David Thatcher Fund, of \$1,500, available for ministerial students in Granville College and Doane Academy.

7. The Mary Arnold Stevens Fund, of \$500, for students in Granville College or Doane Academy.

8. The Shepardson Scholarship, income of \$1,000, for students in Shepardson College.

9. The Luse Scholarship, income of \$1,000, for students in Shepardson College.

10. The Maria Theresa Barney Fund, from which the President of the University has a varying amount at his disposal each year to be loaned to students at his discretion, without interest.

11. The Ohio Baptist Education Society has at its disposal free tuition scholarships for its beneficiaries to the number of forty, if necessary.

12. By authorization of the Trustees the President of the University may remit the tuition of a limited number of students in cases of special necessity.

13. A few scholarships which were sold in the early days of the college were afterwards surrendered by the original purchasers and are at the disposal of the faculty.

Good class standing and exemplary conduct in all relations of life are prerequisite to the enjoyment of any of these scholarships. Pupils holding them may be called upon to render a certain amount of service to the University, but never to an amount which will interfere with regular college studies.

For further information regarding scholarships open to ministerial students, address Rev. A. S. Carman, Educational Secretary; concerning scholarships open to those not studying for the Ministry, address the President of the University.

FIRST DEGREES.

The degrees of A. B., B. S., and Ph. B., are conferred upon such candidates for the same as have passed satisfactory examinations upon all the studies required.

Candidates for these degrees are required to pay the treasurer their dues, including the graduating fee of five dollars, as early as June 1.

No first degree will be granted to any candidate therefor who, at the beginning of the Spring term of

the Senior year, shall not have accomplished the entire work of the course required prior to the Winter term of the Senior year.

SECOND DEGREES.

The usual second degree is conferred on completion of graduate courses of study. After the admission of a student to a graduate course a committee of three from the Faculty shall supervise his work. Not more than two-thirds of a year of graduate work may be taken by undergraduates who may have advanced standing.

Resident students in graduate courses are subject to the same tuition, incidental and laboratory fees as others. Non-resident candidates for second degrees are required to pay the same gross amount of tuition fees as resident candidates for the same degrees. The diploma fee for all advanced degrees is ten dollars. The particular requirements for the several degrees are as follows:

FOR THE DEGREE OF A. M. AND M. S.

1. RESIDENT GRADUATES. — The candidate for either of these degrees shall study in this University one year under the direction of the Faculty. Recitations and Examinations shall be appointed by the several instructors. Any instructor may require a thesis on the subject taught by him, and allow it to take the place of as much work in that study (not to exceed two terms) as to him may seem good. The candidate shall with the approval of the Faculty, select from the following lists one study as a main study, and shall pursue it throughout the year:

1. One language other than English.
2. Mathematics.
3. Philosophy.
4. Science.

He shall also, with the approval of the Faculty, select each term two minor studies.

Minimum. — A candidate for the degree of A. M., must take, in Greek or Latin, at least one term; in a modern language other than English, at least one term; in history, at least one term; in English literature, at least one term.

The minimum of required studies leading to the degree of M. S. shall be as follows:

One complete year of some physical science, and two selected terms of physical science in addition.

Minima for Ph. M. will be determined by the Faculty.

2. **NON-RESIDENT GRADUATES.** — The candidate shall study two years under the direction of the Faculty. He shall be examined at the end of the first year, and shall present a satisfactory thesis at the end of the second year. Recognizing the unsatisfactory conditions under which non-resident work for a degree must be done, the University does not advise it unless the circumstances are quite exceptional.

Second degrees in course are not granted by the University.

THE MEDICAL PREPARATORY COURSE.

While the Biological Course for the degree of Bachelor of Science offers the subjects recommended by the Association of Medical Colleges, special opportunities are afforded students desiring to secure advanced standing in a Medical College. It is now recognized that the rapidly increasing competition in the medical profession makes necessary more extensive

preparation, and that college graduates have vastly better prospects of success than others; accordingly, a year of graduate work is offered. The student receives thorough training in Comparative Anatomy, Embryology, Normal Histology, Cellular Biology, with opportunity to elect work in Experimental Physiology and Bacteriology, and receives the degree of Master of Science.

The Separate Departments.

I. GRANVILLE COLLEGE.

HISTORICAL STATEMENT.

The name "Granville College" was the official designation of the school now known as Denison University, for about ten years previous to the adoption of the present name. At various times during the succeeding years the re-adoption of the name had been informally discussed among the friends of the institution, but the matter had not been taken up officially. When the re-adjustment of the relations between Denison University and Shepardson College came before the Board, the necessity for some separate designation for that department of the University which has to do with the instruction of young men in the four college classes led inevitably to the revival of the old name, *Granville College*. Wherever this term is used, then, the reader will understand that it refers to the department of collegiate instruction for young men, as distinguished from the departments dealing with the collegiate instruction of young women, preparatory instruction, etc.





DOANE LIBRARY BUILDING.

FACULTY OF GRANVILLE COLLEGE.

EMORY W. HUNT, D. D., LL. D.,
Intellectual and Moral Philosophy.

JOHN L. GILPATRICK, A. M., Ph. D.,
Mathematics.

RICHARD S. COLWELL, D. D.,
The Greek Language and Literature.

GEORGE F. McKIBBEN, A. M.,
The Romance Languages.

CHARLES L. WILLIAMS, A. M.,
Rhetoric and English Literature.

WILLIAM H. JOHNSON, A. M.,
The Latin Language and Literature.

C. JUDSON HERRICK, M. S., Ph. D.,
Zoology.

CLARK WELLS CHAMBERLAIN, A. B.,
Physics and Chemistry.

THOMAS L. WATSON, M. S., Ph. D.,
Geology and Mineralogy.

WILLIS A. CHAMBERLIN, A. M.,
The German Language.

WILL. H. BOUGHTON, C. E.,
Civil Engineering.

W. BLAIR CLARK, M. S.,
Chemistry.

AUGUSTINE S. CARMAN, A. B.,
History.

HARRIET MARIA BARKER, A. M.,
History of Art.

DENISON UNIVERSITY.

NELLIE A. MONTGOMERY, A. B.,
English Literature.

BUNYAN SPENCER, A. M., B. D.,
Logic.

W. W. STOCKBERGER, B. S.,
Botany.

K. O. BURRER, B. S.,
Assistant in Physics.

C. EDMUND NEIL, A. M.,
Oratory and Elocution.

CONDITIONS OF ADMISSION.

Regularly authenticated graduates of Doane Academy are admitted to the Freshman Class without further examination. The graduates of certain approved High Schools are credited with their certified High School work without examination, so far as such work coincides with the entrance requirements of the University.

For candidates prepared elsewhere, examinations for admission to the College classes will be held on the day preceding the beginning of the Fall term, at 9 A. M. (See Calendar.)

1. Candidates desiring to begin the Course for the Degree of Bachelor of Arts will be examined in the studies comprised in the Classical Course of Doane Academy. Fair equivalents in kind for any of these studies will, of course, be accepted.

2. Candidates desiring to begin the Course for the Degree of Bachelor of Science will be examined in the studies comprised in the Scientific Course of Doane Academy.

3. Candidates for the Philosophical Course will be examined in the studies of the Philosophical Course of Doane Academy.

Candidates for admission must present satisfactory evidence of good moral character. Candidates from other colleges must bring proof of regular dismission therefrom.

Each Course in the Collegiate department occupies four years.

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CORRECTION!!!

The previous document(s) may
have been filmed incorrectly...
Reshoot follows

DEFICIENCIES IN CERTAIN BRANCHES.—Students often apply for admission to the regular classes, who are behind those classes in some study. If such students show ability, all possible assistance is afforded them in compassing their purpose. It is sometimes, however, necessary for them to secure private instruction for a short time; but this may be obtained at very reasonable rates.

STUDENTS NOT CANDIDATES FOR A DEGREE.—Students who do not desire to become candidates for a degree may be admitted to the College, provided they give satisfactory evidence to the Faculty that they can profitably pursue the studies which they may select.

DISMISSION.

Students leaving before the close of a term will not be regarded as having honorably terminated their connection with the University unless regularly dismissed by the President.

SPECIAL STUDIES.

Pennmanship, Stenography and Elocution are taught by competent instructors. Charges for these courses, for the present, will be extra.

EXPENSES.

It is believed that a thorough and complete collegiate education can be obtained as cheaply here as in any other college in the country. The following is an estimate of some of the more prominent items of expense:*

* Consult the General Index for reference to expenses in other departments.

<p> TUITION — Per Annum Divided as follows: Fall Term, \$15; Winter and Spring, \$12 each. </p>	\$39 00
<p> ROOM RENT — Fall Term, \$4; Winter and Spring, \$1 each </p>	10 00
<p> INCIDENTALS — Fall Term, \$3; Winter and Spring, \$2.50 each </p>	8 00
Gymnasium fee	1 00
Fuel and lights	15 00
Books	12 00
BOARD — 39 weeks at \$2.00 per week	78 00
Washing	12 00
Sundries	6 00
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Total for a year	\$181 00

Matriculation Fees are as follows: Freshman Class \$2; Sophomore, \$3; Junior, \$4; Senior, \$5; Electives, \$2.

For the Laboratory fees connected with certain scientific studies, see the statements of the various scientific departments, in the following pages.

Registration Fee, one dollar. For registrations made the first day of the term, the fee is remitted. For second day, one-half the fee is remitted.

A fee of \$2 is charged for each special examination.

Board in clubs costs from \$2 to \$2.50 per week; in families, \$3 to \$3.50. Whatever board costs over \$2 per week must be added to the above estimate. Many students reduce their expenses below this sum.

All term bills are to be paid, or satisfactory security for their payment lodged with the treasurer, at the beginning of each term, before students take their places in their classes. No charge for tuition, room rent, or incidentals will be for less than half a term.

Students furnish their own rooms in the college buildings. Second hand furniture for this purpose can always be secured at very low prices if desired. Students not rooming in the College buildings must have their rooms approved by the Faculty and be subject to the general regulations of the college.

Text books and stationery can always be obtained in the village, and at the Denison Book Exchange.

The really necessary expenses of a student for a year, exclusive of clothing and traveling, range from \$160 to \$250.

STATEMENT OF WORK IN THE VARIOUS DEPARTMENTS.

INTELLECTUAL AND MORAL PHILOSOPHY.

PRESIDENT HUNT.

ASSOCIATE SPENCER.

The subjects taught in this department are Logic, Psychology, Ethics, History of Philosophy, and Christian Evidences.

Instruction is given by means of text-book recitations, lectures and parallel readings.

Whenever conflicting theories are encountered, the various arguments and their necessary tendencies are presented to the student and he is encouraged to investigate and judge for himself.

The basal facts and principles of all knowledge and belief are so presented as to avoid bigotry on the one hand and scepticism on the other.

In Psychology the student is referred to his own consciousness as the final test of all psychical truth.

The principal theories of ethics are carefully considered, and applied to questions of duty; individual, domestic, social and national.

In Christian Evidences special care is taken to present Christian truth in its relation to the peculiar doubts and errors of the present day.

Throughout the entire department, the constant aim is not only to impart truth, but to teach young men to *think*—think patiently, philosophically, successfully.

The work is given in seven courses:

1. *Deductive Logic*. — Junior Year, first half of Winter Term. Five hours, 9 A. M. Associate Spencer.

2. *Inductive Logic*. — Junior Year, second half of Winter Term. Five hours, 9 A. M. Associate Spencer.

3. *General Psychology*. — Senior Year, Fall Term. Four hours, 10 A. M.

4. *Ethics*. — Senior Year, first half of Winter Term. Five hours, 9 A. M.

5. *Christian Theism*. — Senior Year, second half of Winter Term. Five hours, 9 A. M.

6. *Christian Evidences*. — Senior Year, Spring Term. Five hours, 9 A. M.

7. *History of Philosophy*. — Senior Year, Fall Term. Weekly lectures. 10 A. M.

These courses are all required of candidates for the various baccalaureate degrees conferred by the University.

MATHEMATICS AND CIVIL ENGINEERING.

PROFESSOR GILPATRICK.

ASSISTANT PROFESSOR BOUGHTON.

Courses in Mathematics. — Professor Gilpatrick.

1. *Algebra*. — Development of Functions, Convergency, and Summation of Series. Theory of Logarithms, Permutations and Combinations. Theory of Equations. Four hours, Monday excepted. Freshman, Fall Term, two sections, 9 and 10 A. M.

2. *Trigonometry, Plane and Spherical*. — Four hours, Friday excepted. Freshman, Winter Term, two sections, 9 and 10 A. M.

3. *Analytic Geometry*. — Four hours, Friday excepted. Freshman, Spring Term, 10 A. M.

Courses 1 and 2 are required of all candidates for degrees. All candidates for the degrees of Bachelor of Science or Bachelor of Philosophy must also take Course 3. The remaining courses are not required as prerequisite to graduation, but most of them are required as prerequisite to certain advanced courses in the various scientific departments.

4. *Analytics and Differential Calculus*. — Four hours, Wednesday excepted. Sophomore, Fall Term, 11 A. M.

5. *Differential Calculus*. — Four hours, Monday excepted. Sophomore, Winter Term, 7:40 A. M.

6. *Integral Calculus*. — Five hours. Junior, Fall Term, 7:40 A. M.

7. *Teachers' Course in Algebra and Geometry*. — Open to Juniors and Seniors. Five hours, Spring Term, 11 A. M.

Courses 1-6 must be taken in the order indicated; with this limitation, all courses not indicated as required are open as electives to students who have the requisite preparation.

Astronomy. — Professor Gilpatrick.

1. *General Astronomy*. — Elective for Juniors and Seniors in all courses. Spring Term, 7:40 A. M.

Courses in Engineering. — Assistant Professor Boughton.

1. *Mechanical Drawing*. — Prerequisite, preparatory mathematics. Required in B. S. course. Freshman, Winter Term, Tuesday and Thursday, 10 A. M.

2. *Descriptive Geometry*. — Prerequisite, Mechanical Drawing. Four hours, Tuesday excepted. Winter Term, 1:30 P. M.

3. *Plane Surveying*. — Prerequisite, Mathematics 2 and Mechanical Drawing. Four hours, Wednesday excepted. Spring Term, 1:30-3:30 P. M.

4. *Railroad Surveying and Earthwork*. — Prerequisite, Course 3. Five hours. Fall Term, Tuesday 1:30 P. M.; other days 1:30-3:30 P. M.

5. *Topographical Surveying and Drawing*. — Must be preceded or accompanied by Course 4. Students may take Courses 4, 5 and 6 in the same term. Fall Term, Monday, Wednesday, Friday, 9-11 A. M.

6. *Elements of Mechanism*. — A study of the principles governing the moving parts of machines. Prerequisite, Mechanical Drawing and Mathematics 5. Fall Term, Tuesday and Thursday, 9 A. M.

7. *Analysis of Structures*. — Determination of stresses in roof and bridge trusses, by graphical and analytical methods. Prerequisite, Mechanical Drawing, Mathematics 6 and Physics 1. Five hours, Winter Term, 11 A. M.

8. *Strength of Materials*. — This includes also an introduction to the Designing of Structures. Prerequisite, Course 7. Five hours, Spring Term 10 A. M.

GREEK.

PROFESSOR COLWELL.

The following courses are offered:

1. *Lysias*. — Selected orations, with the history of Athens under the Thirty Tyrants and the Restoration of the Democracy. Reading at sight in Lysias

and Lucian. Four hours, Wednesday excepted. Freshman, Fall Term, 9 A. M.

2. *Thucydides*. — Selections, with History of the Peloponnesian War. Reading at sight in the New Testament and in Lucian. Four hours, Tuesday excepted. Freshman, Winter Term, 9 A. M.

3. *Homer*. — Selections from the Iliad, with reading at sight from the Odyssey. Four hours, Wednesday excepted. Freshman, Spring Term, 9 A. M.

4. *Demosthenes*. — Selected orations, usually the Phillippics and the Olynthiacs. Reading at sight in Demosthenes and the New Testament. Four hours, Wednesday excepted. Sophomore, Fall Term, 7:40 A. M.

5. *Herodotus*. — Selections. Reading at sight from Herodotus, Diodorus Siculus and Xenophon. Four hours, Wednesday excepted. Sophomore, Winter Term, 7:40 A. M.

6. *Plato*. — The Apology and Crito, with selections from the Phaedo. Sight reading in the Memorabilia of Xenophon. Four hours, Wednesday excepted. Sophomore, Spring Term, 7:40 A. M.

Courses 1-6 are required of all candidates for the degree of Bachelor of Arts, and of candidates for the degree of Bachelor of Philosophy who make Greek their major language.

7. *Tragedies*. — Aeschylus, Sophocles, or Euripides. Elective for those who have completed courses 1-6. Five hours. Winter Term, 10 A. M.

8. *Comedies of Aristophanes*. — Elective for those who have completed courses 1-6. Five hours. Spring Term, 11 A. M.

9. *New Testament Greek*. — Elective for those who have had courses 1-6. Five hours. Winter Term, 10 A. M.

ROMANCE LANGUAGES.

PROFESSOR MCKIBBEN.

This department offers opportunity of studying French, Italian and Spanish. Its aims are: (1) The acquisition of a reading knowledge of the foreign language; (2) linguistic training; (3) introduction to the foreign literature and life.

The method employed includes the following features: Simultaneous beginning of grammar and translation; gradual advance to the new with frequent practice upon the old; the mastery of principles by noting and classifying examples found in the texts studied.

French. —

Of the courses enumerated below, applicants for the degree of Bachelor of Arts are required to take at least course 1. For the degree of Bachelor of Science, courses 1-3 are required. For the degree of Bachelor of Philosophy, students who choose French as their major language upon entrance must take courses 1-3 and at least three four hour courses in addition. Aside from these requirements the various courses are open as electives to students in all departments, with courses 1, 2 and 3 in order, prerequisite to any of the advanced courses.

1. Elementary forms, translation, written exercises. Fraser and Squair's *French Grammar*, Rollin's *Reader*, or Erckmann-Chatrian's stories. A course for beginners, repeated in the Spring Term. Four

hours, Friday excepted. Freshman, Fall Term, 1:30 P. M.

2. Grammar continued, with written and oral work in composition. Erckmann-Chatrian's stories and Sandeau's *La maison de Penarvan*. Four hours, Wednesday excepted. Freshman, Winter Term, 11 A. M.

3. Grammar reviewed, with exercises and dictation. Racine's *Athalie*. Four hours, Monday excepted. Freshman, Spring Term, 9 A. M.

4. Review of Grammar, forms and syntax, with composition. Nineteenth Century prose writers; especially Daudet and Victor Hugo. Selections in lyric poetry and scientific description. Courses 1-3 prerequisite. Four hours, Friday excepted. Sophomore, Fall Term, 7:40 A. M.

5. Grammar review continued, with composition. Translation from the literature of the Eighteenth Century and the Revolutionary Period. Modern scientific prose continued. Courses 1-3 prerequisite. Four hours, Wednesday excepted. Sophomore, Winter Term, 7:40 A. M.

6. Composition and dictation. Translation from the drama of the Seventeenth Century. Corneille, Molière, Racine. Courses 1-3 prerequisite. Four hours, Monday excepted. Sophomore, Spring Term, 7:40 A. M.

7. *The French Historians*. — Courses 1-3 prerequisite. Wednesday and Friday. Fall Term, 2:30 P. M.

8. *Prose and Verse of François Coppée*. — Courses 1-3 prerequisite. Tuesday and Friday. Winter Term, 1:30 P. M.

9. *Sight Reading and Conversation.* — Courses 1-3 prerequisite. Tuesday and Friday. Spring Term, 1:30 P. M.

Italian. —

1. *Grandgent's Grammar and Bowen's Reader.* — The forms of the language are learned and practiced in exercises, written and oral, and in translation. Elective in all courses. Winter Term, Monday, Wednesday and Friday, 10 A. M.

2. Rapid translation of selections from Nineteenth Century prose and verse. Outline of the History of Italian Literature. Elective. Five hours. Spring Term, 11 A. M.

Spanish. —

1. *Garner's Grammar, Ramsey's Reader.* The forms of the language are learned and practiced in written and oral exercises and in translation. Elective. Five hours. Fall Term, 10 A. M.

2. Translation of two dramas or other matter in prose and verse, representing especially the Nineteenth Century. Review of grammar and composition. Outline of the History of Spanish Literature. Elective. Winter Term, Wednesday and Friday, 10 A. M.

The courses in Italian and Spanish, while intended as advanced electives, may be taken by any who, in the judgment of the instructor, can carry them with profit.

COURSES IN ZOOLOGY

PROFESSOR HERRICK.

MISS ADKINS.

1. *Human Physiology.* — Lectures and recitations from Huxley's *Elementary Physiology*, Am. Edi-

tion. Required of Classical students. Four hours, Friday excepted. Spring Term, 11 A. M.

4. *Invertebrate Zoology*.—Systematic and theoretical Zoology. Prerequisite, Course 1 or its equivalent. Sophomore, Winter Term. Fee, \$2.00. Lectures and recitations on Wednesday and Friday at 1:30; laboratory, Monday and Thursday, 1:30 to 3:30.

5. *Vertebrate Zoology*.—Continuation of Course 4, which is prerequisite. Sophomore, Spring Term. Fee, \$2.00. Lectures and recitations on Wednesday and Friday at 1:30; laboratory, Monday and Thursday, 1:30 to 3:30.

6. *Comparative Anatomy and Histology*.—Courses 6, 7 and 8 form a continuous year's work on the comparative study of the organs and tissues of the vertebrates. Course 6 includes a review of the elements of mammalian anatomy, accompanied by dissections, and an introduction to general histology. Prerequisite Z4, 5; C1. Junior, Fall Term. Fee, \$2.00. Lectures and recitations Wednesday and Friday at 11; laboratory, Monday, Tuesday and Thursday, 10 to 12.

7. *Comparative Anatomy and Histology*.—Vertebrate Neurology. Prerequisite, Z6. Junior, Winter Term. Fee, \$2.00. Lectures on Monday, Wednesday and Friday at 11; laboratory, Tuesday and Thursday, 10 to 12.

8. *Comparative Anatomy and Histology*.—Cytology and special histological manipulation; theoretical biological problems. Prerequisite, Z6. Junior, Spring Term. Fee, \$2.00. Lectures on Tuesday, Wednesday and Friday at 9; laboratory, Monday and Thursday, 9 to 11.

9. *Embryology*. — Lectures and laboratory work on the comparative embryology of vertebrates. Prerequisite, Z6. Senior, Fall Term. Fee, \$2.00. Lectures on Tuesday and Thursday at 1:30; laboratory, Monday, Wednesday, Friday, 1:30 to 3:30.

11. *Physiological Psychology*. — Lectures devoted chiefly to the comparative physiology of the nervous system and especially of the sense organs, with an introduction to the methods of physiological psychology. Prerequisite, Z5, Ph3, with Z7 strongly advised. Senior, Winter Term. Wednesday and Friday at 10.

12. *Psychological Laboratory*. — Parallel with Course 11, by which it must be accompanied or preceded. A laboratory study of sensation from both physiological and psychological points of view, based on Sanford's *Course in Experimental Psychology*, with practice in the taking of reaction times, etc., for which the necessary chronoscope, kymograph and accessories are provided. Senior, Winter Term. Fee, \$2.00. Three two hour laboratory periods at hours to be arranged individually.

14. *Advanced Biology*. — An introduction to the methods of biological research. Special topics assigned for laboratory and bibliographic study. Prerequisite, Z6. The same theme may be continued in Course 13 in the Spring Term following. Fee, \$2.00. Senior, Winter Term. Wednesday and Friday at 10, with three additional two hour laboratory periods arranged individually.

Ordinarily Courses Z11-12 and Z14 will not both be given in any one year.

13. *Thesis in Biology.* — Students electing their major work in Biology may by special arrangement secure a five hour credit in the Senior year, Spring Term, for a thesis on some assigned topic. Hours arranged individually.

14. *Special Physiology.* — A two hour lecture course by Miss Adkins, upon Applied Hygiene, including the following and kindred subjects: Massage, First Aid to the Injured, Care in the Sick Room, Home Keeping and Furnishing, House and City Sanitation, Anthropometry, Necessity of Gymnasium Work. Open to women only. Winter Term, Wednesday and Friday at 10.

COURSES IN BOTANY.

INSTRUCTOR STOCKBERGER.

1. *Elementary Botany.* — A comprehensive summary of the great groups of plants, including an outline of structure, reproduction and classification, illustrated by laboratory study of types from each group. *Coulter's Plant Structures.* Required of all B. S. students. Freshman, Fall Term. Monday, Tuesday, Thursday and Friday at 11; Tuesday and Thursday at 10.

2. *General Botany.* — Anatomy and histology of the cell and tissues of the higher plants. Lectures on the principles of Physiology. Laboratory practice in histological technique. Prerequisite, Bot I or its equivalent, and Ct. Junior, Winter Term. Fee, \$2.00. Lectures, Monday, Wednesday and Friday at 11; laboratory, Tuesday and Thursday, 10 to 12.

3. *Cryptogamic Botany.* — Detailed study of the structure, reproduction and classification of the main groups of Thallophytes. Special attention is given to

parasitic forms. Laboratory and field work. Prerequisite, Bot1 and Ch, with Bot2 advised. Junior, Spring Term. Fee, \$2.00. Lectures Tuesday and Thursday at 1:30; laboratory, Monday, Wednesday and Friday, 1:30 to 3:30.

Candidates for the B. S. degree who elect their major work in Biology are offered the following suggestions in the choice of their electives. For the required studies of the Freshman and Sophomore years see the tabulated course of study, page 73.

**GROUP I.
SOPHOMORE YEAR**

Fall Term.	Winter Term.	Spring Term.
Math. 4	Math. 5, Zoology, 4	Geol. 1, Zoology, 5

JUNIOR YEAR

English, 45 Comp. Anat., 28. Gen., 4. Chem., 5A.	English, 47 Comp. Anat., 27 or Bot. Geog., Phys. Chem., 5B (conclude w/11 or 22 or Bot2 may be arranged).	English, 48 Comp. Anat., 28. Comp. Bot., 2. Org. Chem., 1A.
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SENIOR YEAR

Psychol., Phys. Eng. Lab., 411. Embryology, 28.	Physics, Phys. English, 410. Economics, 113. Z1113 or Z14, or Chem. 5 (by special arrangement).	Evolution, 108. Anatom., 31 or Ch-10. Physics or History, 1.
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In Group I advanced German or French may be taken in place of the Chemistry in the Junior year or of the Biology of the Winter and Spring Terms of the Senior year.





**GROUP II.
SOPHOMORE YEAR.**

Fall Term.	Winter Term.	Spring Term.
Advanced French or German or Latin (to accom. the required elem. Ger. or Fr.) or Chem. 5 & 6 to accom. C2.	Advanced Fr., Ger. or Lat. or Chem. 7 & 8. Zoology, 4.	Advanced Fr., Ger. or Lat. or Org. Chem., C1. Zoology, 5. Geology, 2.

JUNIOR YEAR.

English, E3. Comp. Anat., Z6. Geology, 4. Chem. 5 & 6 or Spanish 1.	English, E7. Logic, Ph 13. Comp. Anat., Z7 or Bot. Spanish 2, and Italian 1 or Chem. 7 & 8.	English, E9. Comp. Anat., Z8. Botany, 3. Italian 2 or Chem. 7 & 8.
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SENIOR YEAR.

Psychology, Ph3. English Lit., E11. Embryology, Z9.	Logic, Ph 4 & 5. English, E12. Z11-13 or 14 or Bot. or Chem. 7 & 8 or Gen. 7. Rhetoric, H2.	Evidences, Ph6. Theos. or Astron. A1 or Chem. 9. History or Lit.
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GROUP III.

Sophomore year as in Group I.

JUNIOR YEAR.

Fall Term.	Winter Term.	Spring Term.
English, E3. Comp. Anat., Z6. Geology, 4. Calculus, M3.	English, E7. Comp. Anat., Z7 or Bot. Logic, Ph 13. Desc. Geom., C2.	English, E9. Comp. Anat., Z8 or Bot. Chem. 4, or Astron. 1 or Surveying, C2. History or Lit.

SENIOR YEAR.

Psychology, Ph3. English Lit., E11. Embryology, Z9. Chem., 6.	Logic, Ph 4 & 5. Adv. Logic, Ph 14. Chem., 7 & 8.	Evidences, Ph6. Hist. Civ., H4. Chem. 4, or Astron. 1.
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RHETORIC AND ENGLISH LITERATURE.

PROFESSOR WILLIAMS.

MISS MONTGOMERY.

Throughout the course, which extends over four years, the study of Rhetoric is pursued in combination with the study of literature, American and English. Instruction is given by text book and by notes from the teacher. Themes are required from the beginning to the end of the course. Students are made acquainted with the principles of literary criticism, and are encouraged to develop intelligent appreciation of the best that has been thought and written in English from Caedmon to the present time. A number of electives are offered during the Junior and Senior years. All members of the Senior class are required to appear in public exhibitions during the Winter Term, the gentlemen with orations and the ladies with essays.

The following courses are given:

1 a, b and c. *Rhetoric and American Literature*.—Gearing's *Working Principles of Rhetoric* and Partee's *American Literature*. Four hours, Tuesday excepted, throughout the Freshman year, 2:30 P. M.

2 a, b and c. *English Literature*.—Lives's *Beginnings of English Literature* and Chaucer's *Prologue* and *Knight's Tale* (Moore's edition) for Fall and Winter Terms; The *Faery Queen*, Book 1 (Kitchen's edition) and Notes on Elizabethan Literature for the Spring Term. Every Tuesday throughout the Sophomore year. Fall and Winter Terms, 1:30 P. M.; Spring Term, 11 A. M.

3. *Elizabethan Literature*. — An elective course based on Professor Saintsbury's book. Spring Term. Monday, Wednesday and Friday, 11 A. M. Miss Montgomery.

4. *Anglo-Saxon*. — Swyer's *Anglo-Saxon Primer* and Brigh's *Anglo-Saxon Reader*. Elective, five hours. Winter Term, 10 A. M. Miss Montgomery.

5. *English Literature*. — Thayer's *Best Elizabethan Plays* and Notes on Elizabethan Literature. Junior, Fall Term. Tuesday, 2:30 P. M.

6. *The English Novel*. — Steadlar's *Evolution of the English Novel*. Elective, Fall Term, Monday, Tuesday and Thursday, 7:40 A. M.

7. *English Literature*. — Shakespeare, and Notes on the Drama. Junior, Winter Term. Tuesday, 2:30 P. M.

8. *Shakespeare*. — Elective with Course 5 prerequisite. Winter Term. Wednesday, Thursday and Friday, 11 A. M.

9. *Milton*. — Minor Owen's and Carson's *Introduction to Milton's Prose Works*. Junior, Spring Term. Tuesday, 2:30 P. M.

10. *Later American Writers*. — Elective. Spring Term. Monday, Wednesday and Thursday, 1:30 P. M.

11. *English Literature*. — Phillips's *Manual* and Winchester's *Principles of Literary Criticism*. Representative authors from Milton to Tennyson. Five hours. Senior, Fall Term, 11 A. M.

12. *English Literature*. — Authors of the last half of the Nineteenth Century. Elective. Winter Term. Monday, Wednesday and Friday, 1:30 P. M.

13. *Rhetoric. — Essays and Oration.* Senior, Winter Term. Thursday, 1:30 P. M.

Of the above courses numbers 1, 2, 5, 7, 9, 11 and 13 are required of all candidates for degrees. Courses 3, 4, 6, 8, 10 and 12 are elective and open to those who, in the judgment of the instructor, are prepared to pursue them with profit.

LATIN LANGUAGE AND LITERATURE

PROFESSOR JOHNSON.

Of the following courses, numbers 1-5 and 7 are required of all applicants for the degree of A. B. Applicants for the degree of B. Ph. who elect Latin as their major language are required to take courses 1-6. Applicants for the degree of B. S. in the Latin division must take courses 1-3. Courses 6, 7, 8 and 9 are open as electives to all who have had courses 1-5. Scientific students who have elected the Latin of the Freshman year may elect further courses if desired, but at least two of the Sophomore courses (4, 5, 6) must be taken in advance of 7, 8 or 9.

1. *Livy.* — Books XXI and XXII. The entire text of the two books is covered, either as assigned work or as sight reading. Four hours per week, Friday excepted. Freshman, Fall Term, 7:40 A. M.

2. *Letters of Cicero.* — Selections chosen to illustrate the private life and political position of the author. Four hours, Monday excepted. Freshman, Winter Term, 7:40 A. M.

3. *Odes and Epodes of Horace.* — Informal lectures on Latin poetry. Four hours, Thursday excepted. Freshman, Spring Term, 7:40 A. M.

4. *The Roman Stage*. — The *Captivi* of Plautus and the *Phormio* of Terence are the plays usually read. Four hours, Friday excepted. Sophomore, Fall Term, 9 A. M.

5. *Tacitus*. — The text chosen is usually the first six books of the *Annals*, but occasionally the *Agricola* and *Germania* are substituted. Attention is directed especially to the political life of the early empire. Four hours, Monday excepted. Sophomore, Winter Term, 9 A. M.

6. *Letters of Pliny*. — Primarily for Philosophical students who elect Latin as their major language, but open to others as indicated in statement introductory to this enumeration of courses. Four hours, Monday excepted. Sophomore, Spring Term, 1:30 P. M.

7. *Rhetoric and Literary Criticism of the Romans*. — Readings from Quintilian, Tacitus, Horace and Cicero. The relation of Greek and Roman ideas to present day problems of Rhetoric and Literary Criticism. Five hours. Junior, Fall Term, 1:30 P. M.

8. *The Roman Elegiac Poets*. — Selections from Catullus, Tibullus, Propertius and Ovid. The history of Elegiac Poetry. Five hours. Junior or Senior, Winter Term, 10 A. M.

9. *Course preparatory to teaching*. — Methods of teaching will be discussed, with readings from authors usually studied in preparatory schools. Five hours. Junior or Senior, Spring Term, 9 A. M.

10-12. *Virgil*. — A two hour course throughout the school year 1903-4. A study of the poems of Virgil and their place in the history of literature from

points of view which cannot be emphasized in the preparatory course to which the study of Virgil is usually confined. Open to Classical Juniors and Seniors. Monday and Thursday, 2:30 P. M.

PHYSICS AND CHEMISTRY.

PROFESSOR CHAMBERLAIN.

INSTRUCTOR CLARK.

ASSISTANT BARRER.

Phys'cs.—Professor Chamberlain, Assistant Barrer.

The following courses are offered:

1. *Mechanics and Sound.*—Lectures and recitations based upon Ames' *Theory of Physics*. Laboratory work based upon Ames and Bliss, Sabine, Stratton and Millikan, Nichols, etc. Prerequisite, Mathematics 2, with Mathematics 3 strongly advised. Fee, \$1.00. Required of candidates for the B. S. and B. Ph. degrees; elective for A. B. Juniors and Seniors. Sophomore, Fall Term. Recitation hours, Tuesday and Thursday, 10 A. M.; laboratory hours, Wednesday, 10-12, Friday, 9-11 A. M.

2. *Heat and Light.*—Lectures and recitations based upon Ames' *Theory of Physics*. Required for B. S. and B. Ph. degrees; elective for A. B. Juniors and Seniors. Sophomore, Winter Term. Tuesday and Thursday, 10 A. M.

3. *Heat and Light.*—Laboratory course, two hours per day. Method and text-books as in Course 1. Course 2 must precede or accompany this course. Fee, \$1. Required of candidates for B. S. and B. Ph. degrees in the Sophomore year; elective for Classical Juniors and Seniors. Winter Term. Monday, 9-11, Wednesday, 10-12.

4. *Electricity and Magnetism*. — Lectures and recitations based upon Ames' *Theory of Physics*. Required of B. S. and B. Ph. students in the Sophomore year; elective for Classical Juniors and Seniors. Spring Term, Monday and Thursday, 11 A. M.

5. *Electricity and Magnetism*. — Laboratory course, two hours per day. Method and text-books as in Course 1. To be preceded or accompanied by Course 4. Required of candidates for B. S. and B. Ph. degrees in the Sophomore year; elective for Classical Juniors and Seniors. Fee, \$1. Spring Term. Wednesday and Friday, 10-12.

6. *Advanced Laboratory*. — General Physical Processes, based upon Stewart and Gee. Prerequisite, 1 and Mathematics 1-5. Required of students taking their major work in Physics. Fee, \$1. Junior, Fall Term. Wednesday and Thursday, 1:30-3:30.

7. *Electrical Measurements*. — One recitation and two laboratory exercises per week, based upon Carhart and Patterson. Prerequisite, 1-5 and Mathematics, 1-5. Required of students taking their major work in Physics. Fee, \$1. Junior, Winter Term. Tuesday, 1:30; Wednesday and Friday, 1:30-3:30.

8. *Electrical Measurements*. — Two laboratory exercises per week, based upon Carhart and Patterson. Prerequisite, 1-5, Mathematics, 1-5. Must be accompanied by 7. Required of students taking their major work in Physics. Junior, Winter Term. Monday and Thursday, 1:30-3:30.

(Chemistry 3. — *Elementary Physical Chemistry*. — Sophomore, Fall Term.)

(*Chemistry 12 and 14. — Advanced Physical Chemistry.* — Fall and Winter Terms, Junior or Senior.)

Details of the three preceding courses will be found under Chemistry 3, 12 and 14. These courses are required of students taking their major work in Physics.

9. *Direct Current Dynamos.* — Lectures and recitations based upon D. C. Jackson's text book. Course given every other year, alternating with 11. Given in 1903. Prerequisite, 8 and Mathematics, 5. Required of students taking their major work in Physics. Senior, Fall Term. Monday, Wednesday, Thursday, 9 A. M.

10. *Direct Current Dynamos.* — Laboratory work, including measurements of permeability, characteristic curves, efficiency tests, management of direct current electric plant, etc. Required of students taking their major work in Physics. Prerequisite, 8 and Mathematics, 5. Fee, \$1. Senior, Fall Term. Tuesday and Friday, 1:30-3:30.

11. *Alternating Current Dynamos.* — Lectures and recitations based upon Franklin and Williamson. Alternates with 9. Given in 1904. Prerequisite, 8 and Mathematics, 5. Senior, Fall Term. Monday, Wednesday, Thursday, 9 A. M.

12. *Alternating Current Dynamos.* — Laboratory work, including measurements of impedance, self-induction, power, characteristic curves, transformer tests, study of condensers, calibration of instruments, etc. Fee, \$1. Prerequisite, 8 and Mathematics, 5. Senior, Fall Term. Tuesday, Friday, 1:30-3:30.

13. *Advanced Light*. — Lectures and recitations based on Preston's *Theory of Light*. Given in 1904, and alternating with 15. Prerequisite, 3 and Mathematics, 6. Senior, Winter Term. Tuesday, Thursday and Friday, 11 A. M.

14. *Advanced Light*. — Laboratory work based on Mann's *Optics*. Prerequisite, 3 and Mathematics 6. Fee, \$1. Senior, Winter Term. Monday and Wednesday, 1:30-3:30.

15. *Advanced Heat*. — Lectures and recitations based on Maxwell's *Theory of Heat*. Given in 1905, and alternating with 13. Prerequisite, 3 and Mathematics, 6. Senior, Winter Term. Tuesday, Thursday and Friday, 11 A. M.

16. *Advanced Heat*. — Laboratory course. Prerequisite, 3 and Mathematics, 6. Fee, \$1. Senior, Winter Term. Monday and Wednesday, 1:30-3:30.

17. *Physical Manipulation*. — Laboratory course open only to students taking their major work in Physics. Instruction is given in wood and metal working, glass blowing, cutting, grinding, polishing and silvering, preparation of quartz fibre, etc. Junior and Senior, Winter Term. Saturday, 8-12.

18. *Thesis in Physics*. — Students who are credited with twenty-eight units in Physics and have shown ability to profit by such a course will be assigned some subject for original investigation, under the immediate supervision of the head of the department. Senior, Spring Term. Three hours per day.

The following group of studies is suggested as a basis for election, to those students wishing to elect Physics as their major science during their Junior and Senior years.

Junior. — Fall Term: Physics 6, Mathematics 6, Civil Engineering 4 and 5, French 4 or German 4, English 9. Winter Term: Physics 7 and 8, Physical Chemistry 11, Philosophy 1 and 2, French 5 or German 5, English 11. Spring Term: Physical Chemistry 13, Astronomy 1, History 1, French 6 or German 6, English 13.

Senior. — Fall Term: Physics 9 and 10, Chemistry 5, Philosophy 3 and 7, English 15. Winter Term: Physics 13 and 14, Civil Engineering 6, Philosophy 4 and 5, English 16. Spring Term: Physics 18, Civil Engineering 7, Philosophy 6.

Chemistry. — Professor Chamberlain, Instructor Clark.

1. *General Chemistry.* — An elementary course for those who have had little or no work in chemistry. Two recitations or lectures and two two hour laboratory periods per week. Prerequisite, one term of Preparatory Physics. Required of B. S. Freshmen who do not present chemistry in fulfillment of entrance requirements. Elective for A. B. Sophomores and Juniors. Fee, \$2. Fall Term. Monday and Friday, 11 A. M.; Tuesday and Thursday, 10-12 A. M.

2. a and b *General Chemistry.* — (Continuation of Course 1.) This course extends through both Winter and Spring Terms, giving two credits for the former and four in the latter term. Credit will not be given for the Winter Term section of this course when taken alone. But students not wishing to elect the full year of chemistry will be permitted to take the Winter Term section of Course 2 in conjunction with either Course 1 in the Fall Term, or the Spring Term section of Course 2. Course 2 is open in the same way as

course 1 as a requirement or elective except that it requires course 1 or an equivalent as a prerequisite. Fee, Winter Term, \$1; Spring Term, \$2. Winter Term, Wednesday, 10 A. M., Friday, 9-10 A. M.; Spring Term, Tuesday and Thursday, 11 A. M., Monday, 9-11 A. M., Friday, 10-12 A. M.

3. *Elementary Physical Chemistry*. — Three lectures and recitations and one two-hour laboratory period per week taking up the phenomena accompanying chemical changes. Prerequisites, Preparatory Physics, Chemistry 2 and Mathematics 3. Required of B. S. students. Fee, \$1. Sophomore, Fall Term, Monday, 9-11 A. M., Tuesday, Wednesday, Thursday, 9 A. M.

4. *Organic Chemistry*. — Three lectures or recitations and one two-hour laboratory period per week upon the paraffin series and a few of the unsaturated compounds most nearly related to that series. Prerequisite, course 2 with 3 advised. Fee, \$1. Spring Term, Monday, 7:40 and 9 A. M.; Tuesday, Thursday and Friday, 7:40 A. M.

5. *Inorganic Preparations*. — Three two-hour laboratory periods per week devoted to the preparation of typical salts. This course should be accompanied by 6. Students may be permitted to take it without that course at the discretion of the instructor. Prerequisite, courses 1-3. Fee, \$3. Fall Term, Laboratory open Monday, 9-11 A. M. and 1-30-3:30 P. M.; Tuesday and Thursday, 10-12 A. M. and 1-30-3:30 P. M.

6. *Advanced Inorganic Chemistry*. — A rapid review of the chemistry of the non-metals. Lectures or recitations twice a week. Prerequisite, course 3.

It is also desirable that this course be accompanied by 5. Fall Term, Wednesday and Friday, 10 A. M.

7. *Qualitative Analysis*.—A laboratory course of four two-hour periods per week. Prerequisite, Course 3 with 8 advised, as an accompaniment. Fee, \$3. Winter Term, Monday, Tuesday, Wednesday, Thursday, 10-12 A. M.

(By special arrangement this course may be taken in the Fall Term as a three-hour course by students whose Winter Term schedule will not allow of their taking it at the regular time. However the instructor reserves the right to limit the number who may take the course in this way.)

8. *Advanced Inorganic Chemistry*.—Lectures or recitations once a week in continuation of course 6, having for their subject the metals. Must be accompanied by course 7. Prerequisite, course 6. Winter Term, Friday, 11 A. M.

9. *Quantitative Analysis*.—Laboratory work eight hours (4 periods) per week. Prerequisite, course 7, and should be accompanied by course 10. Fee, \$3. Spring Term, 9-11 A. M., Monday, Tuesday, Thursday: 9 A. M. Friday, and another hour to be arranged for individually. (May also be taken in fall or winter as 7 above.)

10. *Theoretical Chemistry*.—A review of the atomic and molecular hypothesis, with numerous problems in stoichiometry. One lecture or recitation per week. Prerequisite, Course 8, and must be accompanied by Course 9. Spring Term, Wednesday, 9 A. M.

11 and 13. *Advanced Laboratory*. — Six hours (3 periods) per week. The details of the work will depend largely upon the aims and needs of the student. Prerequisite, Course 9. Fee \$3. Fall Term, Monday, Tuesday, Thursday, 1:30-3:30 P. M.; Winter Term, Monday, Tuesday, Thursday, 10-12 A. M.

12 and 14. *Advanced Physical Chemistry*. — Two lectures or recitations per week. Prerequisite, Course 10. Fall Term, Wednesday and Friday, 1:30 P. M.; Winter Term, Wednesday and Friday, 11 A. M.

For B. S. students desiring to elect chemistry as their principal science the following combinations are suggested to accompany that work.

1. Descriptive Geometry, Surveying (Organic Chemistry to be taken in Junior year), Elements of Mechanism, Advanced Physical Laboratory, Calculus, Crystallography, Analysis of Structures, Mineralogy, Quantitative Analysis in Junior Fall Term, Strength of Materials.

2. Organic Geology, Crystallography, Mineralogy, Second Year German.

3. Elements of Mechanism, Advanced Physical Laboratory, Electrical Measurements, Crystallography, Mineralogy.

4. Zoology (Z4-5), Comparative Anatomy (Z6), followed by Anatomy or Botany in Winter and Spring.

GEOLOGY.

PROFESSOR WATSON.

The department of Geology offers the following courses of instruction:

A. *Physical Geography*. Includes work in the Winter and Spring Terms of the Freshman year. The work is arranged under courses 1 and 2, which cover the ground ordinarily included under the term Physical Geography. Course 1 can be taken independent of Course 2. Course 2 must be preceded by Course 1 or its equivalent. Both courses are required of all B. S. students.

1. *Elementary Meteorology*. — Lectures and recitations accompanied by laboratory practice. Freshman, Winter Term, Wednesday and Friday, 11 A. M.

2. *Elementary Physiography*. — A study of the land forms and their relations to life. Lectures and recitations accompanied by field and laboratory work. Must be preceded by Course 1. Freshman, Spring Term, Monday, Tuesday, Thursday and Friday, 1:30 P. M.

B. *Geology*.

3. *Dynamic and Structural Geology*. — Lectures and recitations accompanied by field and laboratory work. Prerequisite, Physics 1, and Chemistry 1-2. Sophomore, Spring Term, Monday, Tuesday, Thursday, 10 A. M.; laboratory, Wednesday, 1:30-3:30 P. M.

4. *Historical Geology*. — Lectures and recitations accompanied by field and laboratory work. Prerequisite, Geology 3, Botany 1, Zoology 4. Junior, Fall

Term Monday, Tuesday, Thursday, 1:30 P. M.; laboratory, Wednesday and Friday, 1:30-3:30 P. M.

5. *Physiographic Geology*.—Lectures and recitations accompanied by field and laboratory work. Prerequisite, Geology 3, Botany 1, Zoology 4. Senior, Fall Term, Monday, Tuesday, Thursday, 2:30 P. M.; laboratory, Wednesday, Friday, 7:40-10 A. M.

6. *General Economic Geology*.—Lectures, recitations and laboratory work. A general study of the origin and nature of the metallic and non-metallic products of commercial value, with special emphasis upon those of the United States. Geology 3, 8-9 and Chemistry, 9-10 prerequisite. Senior, Spring Term. Hours to be arranged.

C. Mineralogy and Lithology.

7. *Crystallography*.—Lectures and recitations accompanied by laboratory work. Prerequisite, Physics, 2-3. Junior, Winter Term, Monday, Wednesday, Friday, 2:30 P. M.; laboratory, Tuesday and Thursday, 1:30-3:30 P. M.

8. *Mineralogy*.—Lectures and recitations accompanied by laboratory work. Prerequisite, Geology 3 and 7, Chemistry 6, 7-8, Physics 1. Fee \$3. Junior, Spring Term, Monday, Tuesday, Thursday, 11 A. M.; laboratory, Wednesday, Friday, 10-12.

9. *Lithology*.—Lectures and recitations accompanied by laboratory work. Prerequisite, Geology 8, Chemistry 9-10. Fee \$3. Senior, Winter Term, Wednesday and Friday, 11 A. M.; laboratory, Monday, Tuesday and Thursday, 10-12 A. M.

The two following groups illustrate the possible combinations of electives for candidates for the B. S.

degree who may elect their major work in Geology. The possible groupings of electives will vary somewhat for the individual and they will have to be so planned in consultation with the instructor.

GROUP I.

SOPHOMORE.

Fall.	Winter.	Spring.
Mathematics, 4. German 1, or French 1. Physics, 1. Chemistry, 3.	Calculus, 5. Heat and Light, P23. Zoology, 4. German, 2 or French, 2.	Geology, 3. Surveying, CE3. German, 3 or French 3. Chemistry, 4 or Elec. & Mag., 4-5.

JUNIOR.

Geology, 4. Chemistry. German, 4 or French, 4.	Crystalligraphy, 7. Chemistry, 7-8. Botany, 2.	Geology, 5. Chemistry, 9-10. Botany, 3. Astronomy, 1.
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SENIOR.

Geology, 5. Chemistry.	Geology, 9. Chemistry (Senior). German, 5.	Geology, 6. German, 6 or French, 6. Hist. Civ., 5. Thesis.
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GROUP II.

SOPHOMORE.

Fall Term.	Winter Term.	Spring Term.
Physics, 2. Chemistry, 3. German, 1 or French, 1. Latin, 1.	Zoology, 4. German, 2 or French, 2. Heat and Light, P2-4.	Geology, 3. Zoology, 5. Chemistry, 4. German, 3 or French, 3.

GROUP II — Concluded.

JUNIOR.

Fall.	Winter.	Spring.
Geology, 4. German, 4 or French, 4. Chemistry, 5. Mathematics, 4.	Botany, 3. Geology, 7. German, 5 or French, 5. Chemistry, 7 & 8.	Botany, 3. Geology, 8. Chemistry, 9 & 10. German, 6 or French, 6.

SENIOR.

Geology, 4. German, 7 or French, 7.	Geology, 9. German, 8. Economics, or Hist. Art.	Geology, 6. French, or German. Astronomy, 1. Thesis.
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GERMAN LANGUAGE AND LITERATURE.

PROFESSOR WILLIS CHAMBERLIN.

The aim of the courses is to give a ready knowledge of German and an insight into the life and thought of the German people. German is treated as a living language, and immediate contact with it is cultivated through various kinds of oral and written exercises. Interest is stimulated by reference to the history and present conditions of Germany. In the elementary courses special attention is given to linguistic drill. As the courses advance, the study of the literature claims increasing attention. Supplementary reading is encouraged and themes are required, embracing results of independent study. The highest courses include a general study of German literature and particular study of certain periods and authors.

Of the following courses, candidates for the A. B. degree are required to take course 1, in the Sophomore year. Candidates for the B. S. degree must take at

least courses 1-3. Candidates for the B. Ph. degree who elect German as their major language must take courses 1-3 and at least a full year (three five-hour credits) in addition. In the elementary courses, (1-3) reading and translating are accompanied by drill on inflections and grammatical principles, study of words, and oral and written composition.

1. German Grammar and Reader. Four hours, Tuesday excepted. Fall Term, 1:30 P. M.

2. Grammar and Reader continued. Stories from Baumbach and other modern writers. Four hours, Wednesday excepted. Winter Term, 11 A. M.

3. *Novellen* by Seidel, Storm or other recent writers; Schiller's *Das Lied von der Glocke*. Four hours, Monday excepted. Spring Term, 9 A. M.

4. Rapid review of grammar; reading of standard prose from modern authors; for 1903, Riehl's *Der Fluch der Schoenheit*, Dahn's *Ein Kampf um Rom*, (Wenckebach's abridged edition), sight reading from Stern's *Geschichten vom Rhein*; composition and dictation. Five hours, Fall Term, 7:40 A. M.

5. Introduction to the German Drama. Three of the classic dramas are read; for 1904, Schiller's *Wilhelm Tell* and *Maria Stuart*, Lessing's *Minna von Barnhelm*; study of principles of the drama; themes and reviews in German. Five hours, Winter Term, 7:40 A. M.

6. Poetry, including Goethe's *Hermann und Dorothea*; Hatfield's *German Ballads and Lyrics*, with study of classicism and romanticism; modern prose, for 1903, Sudermann's *Der Katzensteg*, Freytag's *Soll und Haben*, (Files' abridged edition), sight read-

ing from modern comedy. Five hours, Spring Term, 7:40 A. M.

7. Schiller's Life and Works; *Geschichte des dreissigjährigen Krieges*; portions of Schiller's early dramas; *Wallenstein*; Robertson's *Correspondence between Schiller and Goethe*. Elective for Seniors and Juniors. Fall Term, Monday, Wednesday, Thursday, 9 A. M.

8. Goethe's Prose and Poetry. Beginning with his *Dichtung und Wahrheit*, Goethe's development as a poet is studied, with selections from his prose and poetic works, concluding with *Faust I*. Lectures by the instructor. Five hours. Elective for Seniors. Winter Term, 10 A. M.

9. Goethe's Works, continued; *Faust II*. Elective for Seniors who have had Course 8. Spring Term, five hours, 10 A. M.

10. German Literature. Moore's *German Literature*, supplemented by lectures; selections from Müller's *German Classics* and supplementary readings in German and English. Elective for qualified students, Wednesday and Friday, Winter Term, 2:30 P. M.

11. German Literature continued. Literary movements since 1750. Elective as Course 10, Spring Term, Tuesday and Thursday, 11 A. M.

12. Teacher's course in German; lectures on aims and methods of Modern Language Study; practice lessons and classroom discussions. Elective for Seniors. Spring Term, Wednesday and Friday, 11 A. M.

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HISTORY OF ART.

MISS BARKER.

The aim of these courses is not only to give the student a knowledge of the art history of the world and to fit him for foreign travel, which in this day has become so essential a factor in one's training and culture, but to lead him through a knowledge of the fundamental principles of aesthetics, to a truer appreciation of that which is good in the world of fine arts. A valuable History of Art library is at the disposal of the members of the class. Note books are used throughout the year for lectures; maps, cathedral plans, and photographs of the master-pieces under consideration are provided.

The courses enumerated below are all elective for Juniors and Seniors.

1. *History of Painting.* — Hoyt's *World's Painters* is used as a text book. The aim of this course is to study the history of painting by epochs. Beginning with the Gothic period of Italian Art ushered in by Cimabue and his followers, a careful study is made of the gradual evolution of painting, through the Renaissance and Decadent Periods of Italian Art, laying special stress upon the works of those men in whom the High Renaissance spirit of Italian painting reached its culmination. The second half of the term's work is spent upon the other great national schools of art, with concluding lessons on American painting. Five hours. Fall Term, 10 A. M.

2. *History of Architecture.* — Text-book, Gooden's *History of Art*. After a general introduction to the history of architecture, and a consideration of

the relations of architecture, sculpture and painting, the study is taken up by periods, beginning with the old Empire of Egypt and closing with the Renaissance in Europe. The aim is to give a general view of the historic styles and a thorough understanding of their essential elements. The evolution of these styles is noted, with a careful study of their constructive and decorative principles. Five hours, Winter Term, 11 A. M.

3. *History of Sculpture*. — Text-book, Good-year's *History of Art*. As the history of sculpture is mainly a history of the influence of Greek art on later times, most of the term's study is devoted to the sculpture of Greece and a comparison of its sculpture with that of other countries and epochs. To this is added elementary instruction in the criticism of sculpture. Five hours, Spring Term, 10 A. M.

HISTORY, ECONOMICS AND INTERNATIONAL LAW.

Pending a reorganization and enlargement of the work in these studies, the following courses have been offered.

1. *Medieval Europe*. — Charlemagne to the Concordat of Worms. Elective for Juniors and Seniors, and others at discretion of the instructor. Spring Term, 11 A. M. Professor Johnson.

2. *History of American Politics*. — Elective for Seniors, and others at discretion of Instructor. Fall Term, 9 A. M. Professor Johnson.

3. *Economics*. — Required of Classical and Philosophical Seniors, elective for others. Winter Term, 7:40 A. M. Professor Colwell.

4. *History of Civilization*. — Required of Seniors in Philosophical course; elective for Seniors in other courses. Spring Term, 10 A. M. Professor Williams.

5. *Modern European History*. — Elective for Juniors and Seniors. Fall Term. Mr. Carman.

6. *The Colonial Period of American History*. — Elective for Juniors and Seniors. Winter Term. Mr. Carman.

ABBREVIATIONS.

The following abbreviations occur in the succeeding pages, chiefly in the Schedule of recitation, lecture and laboratory hours:

DEPARTMENTS OF STUDY.

Intellectual and Moral Philosophy	Ph.
Mathematics	M.
Astronomy	A.
Civil Engineering	CE.
Greek	Gr.
German	Ger.
French	F.
Italian	I.
Spanish	S.
Chemistry	C.
Physics	P.
Geology	G.
Botany	Bot.
Zoology	Z.
Rhetoric and English Literature	E.
Latin	L.
History, Economics and International Law	H.
History of Art	HA.

CLASSES.

Freshman	F.
Sophomore	S.
Junior	J.
Senior	Sr.

DAYS.

Monday	M.
Tuesday	T.
Wednesday	W.
Thursday	Th.
Friday	F.

ORIGINAL ARTICLES

THE EFFECT OF THE INGESTION OF A LARVA OF THE HOUSEFLY (*MUSCA DOMESTICA*) ON THE GASTROINTESTINAL TRACT OF MAN

JOSEPH H. HARRIS, M.D., and
JOSEPH H. HARRIS, JR., M.D.,
BOSTON, MASS.

THE HOUSEFLY (*MUSCA DOMESTICA*) IS ONE OF THE MOST COMMON OF INSECTS AND IS FOUND IN EVERY PART OF THE WORLD. IT IS A PEST OF MAN AND ANIMALS AND IS A SOURCE OF IRRITATION AND INFECTION. IT IS A COMMON CAUSE OF THE TRANSMISSION OF BACTERIA AND OTHER PATHOGENIC ORGANISMS. IT IS A COMMON CAUSE OF THE TRANSMISSION OF BACTERIA AND OTHER PATHOGENIC ORGANISMS. IT IS A COMMON CAUSE OF THE TRANSMISSION OF BACTERIA AND OTHER PATHOGENIC ORGANISMS.

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COURSES OF STUDY.

I. FOR THE DEGREE OF BACHELOR OF ARTS.

REQUIRED STUDIES.

The numerals following names of studies refer to the numbered courses described under the statements of the various departments of study immediately preceding.

FRESHMAN YEAR.

Fall Term — English 1a, Greek 1, Latin 1, Mathematics 1.

Winter Term — English 1b, Greek 2, Latin 2, Mathematics 2.

Spring Term — English 1c, Greek 3, Latin 3, Physiology (Z1) or Analytics (M3).

SOPHOMORE YEAR.

Fall Term — English 2a, Greek 4, Latin 4, German 1.

Winter Term — English 2b, Greek 5, Latin 5.

Spring Term — English 2c, Greek 6.

JUNIOR YEAR.

Fall Term — English 5, Latin 7.

Winter Term — English 7, Philosophy 1 and 2.

Spring Term — English 9.

SENIOR YEAR.

Fall Term — English 11, Philosophy 3 and 7.

Winter Term — Economics (H3), English 13, Philosophy 4 and 5.

Spring Term — Philosophy 6.

ELECTIVE STUDIES.

Taking one hour of lecture or recitation work throughout a term as the unit, 185 units of work are necessary to the completion of the course. Of this number, 115 units are prescribed, as above. From the elective studies offered in the various departments, as above described, 70 additional units must be chosen, distributed as follows: *Sophomore*, from 20 to 23 units; *Junior*, from 30 to 33 units; *Senior*,

from 15 to 19 units. Of these elective units there must be at least five in French, and ten in consecutive work in some one department of Scientific study. *In laboratory work a two-hour period counts as one unit.* Without special permission to do otherwise, each student is expected to take not less than thirteen nor more than eighteen units of work in any one term. For aid in choosing electives, the student will consult the schedules for the respective terms, which will be found a few pages further on.

To insure the organization of classes in purely elective studies, the student must announce his election of any given study to the Professor or Instructor concerned thirty days previous to the close of the preceding term.

II. FOR THE DEGREE OF BACHELOR OF SCIENCE. FRESHMAN YEAR.

Fall Term.	Winter Term.	Spring Term.
English. Algebra. German, French, or Latin. Botany or Chemistry.	English. Trigonometry. German, French or Latin. Mechanical Drawing. Phys. Geog. or Chem- istry.	English. Analytics. German, French, or Latin. Physical Geography or Chemistry.

SOPHOMORE YEAR.

German or French. Mathematics. Physical Chemistry. Mechanics.	German or French. Mathematics. Heat and Light. Zoology or Desc. Geog.	German or French. Geology. Electricity and Mag. Surveys or Zoology or Physical Chem.
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JUNIOR YEAR.

Science. Science **	Logic. Science.	Statistics.* Science.
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SENIOR YEAR.

Psychology. English Literature. Science.	Object and Theoria. Science.	Evidences. Science.
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During the Junior and Senior years each candidate must take not less than 35 nor more than 50 term hours in Science. Of this amount not less than 20 nor more than 35 term hours must be selected from some one of the departments, Biology (B), Chemistry (C), Civil Engineering (CE), Geology (G), Physics (P). Before laying out his Junior and Senior work the student must consult with the instructor in whose department he expects to elect his principal science; and before being permitted to register for his winter term Junior work, he must file with the Registrar a schedule of studies covering at least the remainder of that year, such schedule to bear the signature of his Consulting Instructor. Unless originally made out for the Senior year also, this schedule must be completed to cover that year and refiled with the Registrar before registering for the fall term Senior work. Following the statement of work in each of the scientific departments the student will find a list of suggested combinations to go with the studies of that department as major. But these suggestions are not to be construed as taking the place of personal consultation with the instructors in the several departments. 18½ units, or term hours, are required for graduation; the balance of time not provided for by the requirements of the preceding table being open to free election. Elections should be announced by the student to the instructor in charge of the study concerned thirty days previous to the end of the preceding term, in order to insure the formation of classes.

III.

FOR THE DEGREE OF BACHELOR OF PHILOSOPHY.

Beginning with the fall of 1903, the applicant for this degree must in every case have had the same amount of preparatory Latin as is required for entrance to Freshman Latin. He must elect upon entrance a Major Language, which may be either Latin, French, German, or Greek, in case he presents preparatory Greek for entrance. In this Major Language he must take two years of consecutive work, and previous to graduation he must elect not less than two years more of foreign language work, such election to be

made in consultation with the head of the department in which his Major Language is taken.

REQUIRED STUDIES.

FRESHMAN YEAR

Fall Term.—English 1a, Major Language 1, Mathematics 1.

Winter Term.—English 1b, Major Language 2, Mathematics 2.

Spring Term.—English 1c, Major Language 3, Mathematics 3.

SOPHOMORE YEAR

Fall Term.—English 2a, Major Language 4, Physics 1.

Winter Term.—English 2b, Major Language 5, Physics 2-3.

Spring Term.—English 2c, Major Language 6, Physics 4-5.

JUNIOR YEAR.

Fall Term.—English 5.

Winter Term.—English 7, Philosophy 1 and 2.

Spring Term.—English 9.

SENIOR YEAR.

Fall Term.—English 11, Philosophy 3 and 7.

Winter Term.—Economics (H3), English 13, Philosophy 4 and 5.

Spring Term.—Philosophy 6, History of Civilization.

Total of prescribed work, 102 to 105 units.

ELECTIVE STUDIES.

At least 80 to 83 units of elective work must be chosen, distributed as follows: Freshman year, 11 to 13 units; Sophomore, 20 to 24 units; Junior, 34 to 37 units; Senior, 12 to 15 units. Of this elective work at least two years (not less than 24 units) must be in foreign language work, as indicated in the paragraph immediately preceding the table of required studies.

SCHEDULE - FALL TERM

Year	Name of Course	Course Number	Prerequisite	Required of	7:45	9:00	10:00	11:00	1:30	2:30
Freshman	English	F1a		All						
	French*	F1		B. S.						
Freshman	German*	Ger1		B. S.						
	Greek	Gr1	Prep. Greek	A. B.						
Freshman	Latin	L1	Prep. Latin	A. B.						
	Algebra	M1	Prep. Math.	All						
Freshman	Biology	Bot1		B. S.						
	Chemistry	C1								
Sophomore	English	E2a		All						
	French*	F1	F1a							
Sophomore	German*	Ger1	Ger1a							
	Greek	Gr1	Gr1a							
Sophomore	Latin	L1	L1a							
	Mechanics	Ph	M2							
Sophomore	Physical Chem.	C1	C1, M1							
Junior	English	E3		All						
	Latin	L2	L1a	A. B.						
Senior	English Lit.	EH		All						
	Psychology	Ph1 and 2	E3, 7, 9	All						

*The order in which students take first year French and German, scheduled as Freshman studies, and second year French and German, scheduled as Sophomore, will depend upon the language studies presented in fulfillment of Freshman entrance requirements. At least a year each of French and German is required of all candidates for the B. S. degree except those who elect Freshman Latin.

SCHEDULE — FALL TERM — Concluded

Elective Courses	Name of Course	Course Number	Prerequisite	Required of	7.40	9.00	10.00	11.00	1.30	2.30
	English Speech	ES6	ES3		M, T, Th.					
	French	FT	FT3							W, F.
	German	GE1	GE1-2			M, W, Th.				M, Th.
	Latin	LI1	LI-5				5			
	Spanish	SI					5			
	Hist. of Art	HA1								
	Mathematics	MA	MA-5					M, T, Th, F.		
	Calculus	MA	MA-5		5					
	Top. Survey	CE5	CE1-4			M, W, F, T, Th.	M, W, F.			
	Elem. Mech.	CE6	CE1, MA						5	M, W, Th, F.
	E. R. Survey	CE4	CE3							
	Comp. Anat.	Z6	Z4 & C3				M, T, Th.	5		
	Embryology	Z9	Z6						5	M, W, F.
	Inorg. Chem.	CS	CS				W, F.			
	Inorg. Prep.	CS	CS-3		For hours, see statement of		Chemistry			
	Theor. Chem.	CU	CU						Courses W, F, M, T, Th.	M, T, Th.
	Chem. Lab.	CU	CU							
	Organ. Geol.	GA	GA, Botl. Z4						5	W, F, M, T, Th.
	Geology, Sr.	GA	GA, Botl. Z4		W, F.	W, F.				
	Adv. Phys. Lab.	PS	PS, M1-5							
	Dynamic Design	PS, 10	PS, M1-5			M, W, Th.			W, Th, T, F.	W, Th, T, F.

SCHEDULE WINTER TERM

Year	Name of Course	Course Number	Prerequisites	Required of	7:40	9:00	10:00	11:00	1:30	2:30
Freshman	English	Eng 1		All						M, W, Th, F
	French	Fr 1	Fr 1	B, S				M, T, Th, F		
	German	Ger 1	Ger 1	B, S				M, T, Th, F		
	Greek	Gr 1	Gr 1	A, B		M, W, Th, F				
	Latin	Li 1	Li 1	A, B	T, W, Th, F					
	Trigonometry	M 1	M 1	All		M, T, W, Th	M, T, W, Th			
	Mech. Drawing	CE 1	Prep. Mach	D, S			T, Th, W, F			
Sophomore	Phys. Gen.	GI		B, S						
	Chemistry	Ch 1		B, S		F				
	English	Eng 2		All						
	French	Fr 2	Fr 1	A, B	M, T, Th, F				T	
	German	Ger 2	Ger 1	A, B						
	Greek	Gr 2	Gr 1	A, B	M, T, Th, F					
	Latin	Li 2	Li 1	A, B						
Junior	Heat and Light	Ph 2	Ph 1	R, S, D, Th		T, W, Th, F, M*	M, T, W, Th	W		
	English	Eng 3		All						
	Logic	Ph 3		All						T
	English	Eng 4		All						
	Philosophy	Ph 4		All						
	Economics	E 1		A, B						
	English	Eng 5		All						

* The one-hour a week conflict with Logic for Classical Junior, who may elect Heat and Light must be arranged individually with instructors.

SCHEDULE - WINTER TERM - Concluded

	Name of Course	Course Number	Prerequisite	Required of	7-8	9-10	10-11	11-12	1-30	2-30
Elective Courses	Anglo-Saxon Eng. Literature Shakespeare	F4 F11 E8	E5				5	W, Th, F.	M, W, F. T, F.	
	French	F8	F12							
	German	Ger8	Ger12				5			
	German	Ger10	Ger12							W, F.
	Greek	Gr7 or 9	Gr12				5			
	Italian	I1					M, T, Th			
	Latin	L8	L12				5			
	Latin	L11	L12, 10							M, Th
	Spanish	S2	S1				W, F.			
	Hist. of Art	HA2						5		
	Catalog	M5	M11		T, W, Th, F.					
	Descript. Geom. Anal. Struct.	CE2 CE7	CE1 CE2, M6, F1					5	M, W, Th, F.	
	Zoology	Z4	Z1						M, W, Th, F.	M, Th.
	Comp. Anal. Physico-Psych. Adv. Biol.	Z7 Z11, 12 Z14	Z6 Z6-Phd Z8				T, Th. W, F. W, F. W, F.	5		
	Special Physics	Z15	Z8					Open to	women only	
Physical Chem.	CT 8	AT				M, T, W, Th	5			
Theor. Chem.	CT1	CT10, 12					W, F.			
Chem. Lab.	CT1	CT				M, T, Th	M, T, Th			
Crytallology St. Geology	G7 G3	F12 G8, C9-10					M, T, Th.	5	M, W, F.	
Adv. Mech. Adv. Light	PT 8 PT1, 11	F4, M12 F2, M10						5 M, W.	M, W, Th, F. M, W.	

* Z13.07 and Z14 will not both be given in any one year.

Three additional Laboratory periods of two hours each arranged individually.

SCHEDULE - SPRING TERM

Year	Name of Course	Course Number	Prerequisite	Required of	7:40	9:00	10:00	11:00	1:30	2:30
Freshman	English	Eng		All						M, W, Th, F
	French	Fr	Fr 1	B, S		T, W, Th, F				
	German	Ger	Ger 1	B, S		T, W, Th, F				
	Greek	Gri	Gri 1	A, B		M, T, Th, F				
	Latin	Lat	Lat 1	A, B	M, T, W, F					
	Analytics	M	M 1	B, S, B, Ph			M, T, W, Th			
	Physiology	P		A, B*				M, T, W, Th		
Sophomore	Phys. Geog.	G2	G1	B, S		M	F	M, T, Th, F	M, T, Th, F	
	Chemistry	Ch		B, S						
	English	Eng		All						
	French	Fr	Fr 1	B, S	T, W, Th, F			T**		
	German	Ger	Ger 1	B, S						
	Greek	Gri	Gri 1	A, B	M, T, Th, F					
	Latin	Lat	Lat 1	A, B		T, W, Th, F				
Junior	Phys. Geog.	G2	G1	B, S, B, Ph			W, F	M, W, Th, F		
	English	Eng		All						T
Senior	Residences	Ph 6		All		5				
	Hist. of Civ.	Hi		B, Ph			5			

* Classical student may take either Analytics or Physiology in the Freshman year, but those who elect Analytics must take Physiology in the Sophomore or Junior year.

** Another section of an hour to be arranged.

SCHEDULE - SPRING TERM - Concluded

	Name of Course	Course Number	Prerequisite	Required of	7:40	9:00	10:00	11:00	1:30	2:30
Elective Courses	Am. Writers	E10								
	Eur. Lit.	E11								
	French	F1					5	M, W, F	M, W, Th.	
	French	F2	F1				5		T, F.	
	German	Ger9	Ger10				5			
	German	Ger11	Ger10					T, Th.		
	German	Ger12	Ger10					W, F.		
	Greek	G10	G11					5		
	Italian	I1	I1					5		
	Latin	L1	L1				5			
	Latin	L12	L1 & 10, 11							M, Th
	Med. Europe	M1						5		
	Hist. of Art	H12					5			
	Teach. Math.	M7	M12		5			5		
	Astronomy	A1	M12							
	Surveying	CE1	CE1, M1				5		M, T, Th, F.	M, T, Th, F.
	Strength Mat.	CE5	CE7							
Zoology	Z1	Z4								
	Z2	Z6			5		M, Th		M, T, Th, F.	M, Th.
	Comp. Anat.	B10	B11, C1						5	M, W, F.
	Crypt. Biol.	B10	B11, C1							
English Comp.	C1	C2		M, T, Th, F.	M					
	Comp. Anal.	C3	C2		5					
	Mineralogy	G5	G5, C5, F1				M, T, Th			
	Hydrog. Anal.	G5	P1, C2				W, F.			
	Human Anal.	G5	G5, F1, C9, 10					5	W.	W.
					Hours to	be arranged				

* Analytical Laboratory time to be arranged individually.

DEGREES CONFERRED JUNE, 1902.**BACHELOR OF ARTS.**

ERNEST S. ASHBROOK,	BLANCHE DORA BEATTIE,
OSCAR ROBERT OLSEN FABEL,	LEWIS HENRY BEALL,
FRANK CHARLES LEWIS,	EUGENE BARNEY HUFFMAN,
HUBERT LELAND NICHOL,	GEORGE WRIGHT LEWIS,
NATHANIEL JAMES PERKINS,	WILLIAM A. ROUBIDUSH,
WILLIAM DWIGHT SAMPLE,	FLORAN DAVID PERKINS,
ANNA GRACE SWING,	LEWIS WILBUR SMITH,
	DORA IRENE ZIMMERMAN.

BACHELOR OF SCIENCE.

KARL ORMOND HUBBER,	ETTA MAY CULLY,
CECIL SHEPARD HINES,	RUFUS GIFFEN JONES,
GERTRUDE IRIS MILLER,	MARY RUTH SHARER,
JOHN ERNEST SHEPARDSON,	WALTER W. STOCKBERGER,
	CHARLES THOMAS WISE.

BACHELOR OF PHILOSOPHY.

BLANCHE ELIZABETH BAKER,	FRED BROWNE,
ALICE RAY GILPATRICK,	MARY IDA MEAD,
WILLIAM FRANK POWELL,	MARR WINCHESTER.

BACHELOR OF LETTERS.

FANNIE FERN ADAMS,	EDWARD CHAMBERLAIN COBB,
	GEORGE ELWOOD HARTSHORN.

ALUMNI ASSOCIATION.

The "Society of the Alumni" was founded in 1859. Its first officers were: *President*, William P. Kerr, class of 1845; *Vice President*, Edward M. Downer, class of 1850; *Secretary*, Francis M. Hall, class of 1856; *Treasurer*, Henry Fulton, class of 1859. Rev. Samson Tallbot, class of 1851, four years later to become President of the University, delivered an address on "The Importance of a Right Moral Development in Education."

The officers of the Society for the current year are:

PRESIDENT,	Milo B. Price, '92
VICE PRESIDENT,	Dr. Fred D. Barker, '82
SECRETARY-TREASURER,	W. H. Johnson, '85

EXECUTIVE COMMITTEE.

Prof. C. W. Chamberlain, '94 G. E. Leonard, D. D., '32.
W. Blair Clark, '97.

STUDENTS IN GRANVILLE COLLEGE CLASSES.

GRADUATE STUDENTS.

WILLIAM A. BERGER,	Newark.
German and English.	
KARL O. BURRER,	Granville.
Physics.	
CLARA A. DAVIES,	Granville.
Chemistry.	
WARNER W. STOCKBERGER,	Granville
Biology.	

SENIOR CLASS. 63

FRANK BELFORD AMOS, CL.,	Cambridge.
JAMES ROE BURT, Sc.,	West Lafayette.
HAROLD PUTNAM CHAFFEE, CL.,	Marshall, Tex.
OREN ISALAH DUSTHIMER, Sc.,	Linville.
IRVING ANGELL FIELD, Sc.,	Elyria.
VINTON ERNEST FIELD, CL.,	Fort Wayne, Ind.
HOWARD EDWARD FLANAGAN, CL.,	Niles.
WALTER LEROY FLORY, Lit.,	Newark.
HARRY B. GENGNAGEL, CL.,	Dayton.
DAVID WILLIAM GUTHRIE, CL.,	Granville.
HUGH ROBERT HICK, Lit.,	Sidney.
ELMER MAURICE JONES, Sc.,	Alexandria.
S. GUY JONES, Sc.,	Union Station.
FRED SUMNER LARUE, Lit.,	Dayton.
ALLEN NICHOLS NETTLEMAN, CL.,	Toledo.
HOWARD OLNSTED, CL.,	Cleveland.
DONALD HUSTED POWERS, Sc.,	Norwalk.
EDWARD COXE ROBERTS, CL.,	Granville.
WILLIAM HASLETTE SPROULL, Lit.,	Pittsburg, Pa.
LEONARD GODLE SWING, Sc.,	Granville.
WILLARD AARON ZIMMERMAN, Sc.,	Perryssville.

JUNIOR CLASS. 62

ELY EBENEZER ALGER, Sc.,	Newark.
GEORGE MAXWELL BARTON, Sc.,	Geneva.
CHARLES FELIX BURKE, Sc.,	Bethel.
CHARLES DAVID HAYDEN, CL.,	Centerburg.

JUNIOR CLASS—Concluded

EDWARD BRAINERD LOUGHRIDGE, Sc.,	Granville.
HERBERT DAY MCKIBBEN, Sc.,	Walnut Hills, Cin.
FRED BLANCHARD MOORE, Cl.,	Granville.
ORVILLE COOLEY MONTGOMERY, Sc.,	Pataskala.
*ARTHUR NOYES PECKHAM, Sc.,	Kingston, R. I.
CHARLES MILLHOUSE REVENAUGH, Cl.,	Rowland.
RAYMOND DUANE SPROUT, Cl.,	Gasport, N. Y.
HORACE HOLMES WALL, Ph.,	East Clarence, N. Y.
JAMES SAMUEL WEST, Cl.,	Lester, W. Va.
WILLIAM ELGIN WICKENDEN, Sc.,	Toledo.
*ROBERT MORRIS WYLIE, Cl.,	Granville.
CHARLES LEWIS WILKIN, Cl.,	Wilkin.

SOPHOMORE CLASS.

FREDERICK D. ADAMS, Ph.,	Franklin
JAMES FOSTER CHAFFER, Cl.,	Marshall, Tex.
*JOHN ANTON CHERNKY, Cl.,	Cleveland.
JOHN GARDNER CROSS, Cl.,	Narragansett Pier, R. I.
JOHN EBERLE GILL, Cl.,	Granville.
LEE EVERETT GUTHRIE, Ph.,	Newark.
ROBERT D. HUNT, Ph.,	Franklin.
ROGER M. JONES, Cl.,	Newark.
RALPH BANTON MILLER, Lil.,	Newark.
JUSTIN WROE NIXON, Cl.,	Granville.
DANIEL PAUL ORCUTT, Sc.,	Granville.
RICHARD JOHN OWEN, Sc.,	Newark.
CHARLES EMMETT OXLEY, Sc.,	West Carlisle.
CHARLES BENJAMIN PATT, Cl.,	Newark.
CHARLES CLAYTON PATTERSON, Cl.,	Jamestown.
GALE SEAMAN, Cl.,	Springfield.
HENRY JOHN SKIPP, Cl.,	Pittsburg, Pa.
JOHN FULTON VAN VOORHIS, Sc.,	Newark.

FRESHMAN CLASS.

WALTER MARION BAYLESS, Sc.,	Wilmington.
JOHN SOLON BRIDGES, Cl.,	Newton, N. C.
HOMER OSGOOD CARSON, Sc.,	Granville.

FRESHMAN CLASS — Continued.

★ BOYD BLAINE CHAMBERS, Cl.,	Huntington, W. Va.
➤ CHARLES KING CHAPMAN, Cl.,	Granville.
ROWLAND SMITH CLISSOLD, Sc.,	Morgan Park, Ill.
WILLIAM ANDERS EVANS, Sc.,	Cambridge.
★ LEONARD JULIUS FOX, Sc.,	Dayton.
MOSE SIMPSON GRIFFITH, Cl.,	Batavia.
WALTER NEWHOME GRIMMELL, Sc.,	Cleveland.
JOHN HUGHES HISLOP, Sc.,	Columbus.
GEORGE ELMYR HOWELL, Sc.,	Frampton.
WALTER CURTIS HUMPTON, Sc.,	Granville.
LAWRENCE CLIFTON IRWIN, Sc.,	Alexandria.
JAMES RUSSELL JENNESS, Sc.,	Cherry Point, Ill.
JOHN ERNEST LOYD, Sc.,	Granville.
HAROLD CHESNEY MCCALL, Cl.,	Hebron.
PAUL STUJWELL MCKIBBEN, Sc.,	Granville.
PAUL DUNCAN MITCHELL, Cl.,	Newark.
★ MERRELL REES MONTGOMERY, Sc.,	Newark.
ALBERT KING MORRIS, Cl.,	Middletown.
HARRY CLARENCE MURPHY, Ph.,	Dayton.
CHARLES BURTON NICKELS, Cl.,	Toledo.
MAURICE DAVID PACE, Ph.,	Johnstown.
★ ROBERT E. POND, Sc.,	Granville.
CURTIS VERNE PRIEST, Sc.,	Newark.
JOHN CLINTON PRIOR, Sc.,	Granville.
RALPH WILLIS QUICK, Cl.,	Fort Collins, Col.
DANIEL FRANKLIN RITTENHOUSE, Cl.,	Marysville.
ALLEN COWEN ROUDERUSH, Cl.,	Batavia.
ASHBELL FAIRCHILD SIMPSON, Cl.,	Hopwood, Pa.
★ ROBERT WAITE SULLIVAN, Sc.,	Dayton.
★ JOHN CRUSWELL SWARTZ, Cl.,	Granville.
RAYMOND HULTS TRACY, Cl.,	Hubbard.
ROBERT CLAY VAN VOORHIS, Cl.,	Newark.
ROY LESLIE WELLS, Sc.,	Alexandria.
JAY VARNUM WESCOTT, Sc.,	Pittsburg, Pa.
JAMES FRANK WHALLON, Cl.,	Joliet, Ill.
FRANK EUGENE WOOD, Sc.,	Granville.
PERRY DANIEL WOODS, Cl.,	Piqua.
FREDERICK FLEEK WRIGHT, Sc.,	Newark.

FRESHMAN CLASS — Concluded.

WILLIAM BOUTON WRIGHT, Sc.,	Homer.
CLARENCE BENJAMIN YALE, Ph.,	Waynesfield.

ELECTIVES.

WILLIAM EDWARD ARTER,	Kennon.
GEORGE ROGERS BAKER,	Newark.
GORDON CLARK BECK,	Bethel.
HOWARD LEROY BETHEL,	Holloway.
FREEMAN EARL BOLLINGER,	St. Paris.
CLAUDE EDWARD BOYER,	Joliet, Ill.
LEWIS HENRY BURR,	Toledo.
EMERSON SCHLONEKER CLEM,	St. Paris.
ALFRED MANSFIELD COLBY,	Dayton.
EDWARD GORTON DAVIS,	New York, N. Y.
STEPHEN AUGUSTUS DOUGLAS,	Mansfield.
J. FRANK GALLAHER,	Franklin.
PHILIP HOWARD GOODWIN,	Granville.
JOSEPH CHARLES GREEN,	Troy.
ROBERT HILL,	Sharon, Pa.
*ARTHUR HANDLY HISSON,	Newark.
*CLARENCE FULTON JONES,	Chicago, Ill.
DON CLYDE KITE,	Granville.
WILLIAM CLARENCE LACY,	Granville.
HARWOOD LERSCH,	Elyria.
ENMETT HORNER LESLIE,	Peniel.
WILLIAM FRANK LOYD,	Granville.
MONTIS JOSEPH LUCAS,	Outville.
WILLIAM HERBERT LUSE,	Springfield.
JOHN LEE MADDON,	Ludlow, Ky.
CHARLES FRANKLIN MATHews,	Richwood.
HENRY CLARENCE MCCOY,	Newcomerstown.
CALVIN EARL McMILLEN,	Jackson Center.
WALTER CHARLES METZ,	Newark.
HOMER BRADLEY MILLER,	Bellevue.
BERTRAM ALEXANDER MITCHELL,	Granville.
GEORGE WALLACE NICHOLS,	Bedford.
GUY HALL ORCUTT,	Granville.
WILLIAM ALEXANDER PAYNE,	Pasadena, Cal.

ELECTIVES — Concluded.

CHARLES PROSE,	West Jefferson.
JOHN LITTLE RANDALL,	Frazeysburg.
FREDERICK RUSSELL RUMMEL,	Mansfield.
JESSE JONAH RUNYAN,	Cincinnati.
QUINCY LOCKE SANBORN,	Loudonville.
FLETCHER SAMUEL SCOTT,	Rawson.
JOHN WHITCOMB SHEPARDSON,	Chicago, Ill.
LEVI LEE SHEPPARD,	Cincinnati.
THOMAS SHEPPARD,	Granville.
CHARLES WILLIAM SHINN,	Granville.
HARRY N. SHUTTS,	Granville.
T. J. SMULL,	Mackeyville, Pa.
HOMER DAVID SWYGERT,	Pataskala.
FREDERICK MARTIN TIDD,	Canton.
GEORGE CLEVELAND TUSSENG,	Bryce.
GEORGE WASHINGTON WYMER,	Ironton.





KING HALL

SHEPARDSON COLLEGE

BURDON HALL

SUNVILLE BAPTIST CHURCH

II. SHEPARDSON COLLEGE.

HISTORICAL STATEMENT.

For several years prior to 1900, under joint agreement of the authorities of the two schools, the facilities of Denison University, including instruction, were largely accessible to the students of Shepardson College. The practical working of this arrangement gradually pointed the way to a still closer union, making it possible to offer to both daughters and sons of the patrons of the two schools an education in all respects equal, and receiving equal recognition upon completion.

In June, 1900, following these indications of practical experience, such a union was effected. The courses of Denison University, its class rooms, its material equipment and its degrees, were opened to the students of Shepardson College on exactly the same terms as to young men. While Shepardson College thus became a department of the University, co-ordinate in all scholastic matters with Granville College, it still retains its legal identity, and offers on its own account one course, differing from any of the courses of the University and leading to the title of Associate in Literature.

As the Boards of Trustees and the courses of instruction (with the exception just noted) are now the same for Granville College and Shepardson College they are not here repeated, but may be found, with other general information, in the preceding pages of the catalogue.

COMMITTEES.

EXECUTIVE COMMITTEE.

E. W. HUNT, D. M. SHEPARDSON,
BUNYAN SPENCER, J. R. DAVIES,
W. BLAIR CLARK.

COMMITTEE TO ASSIGN SCHOLARSHIPS.

E. W. HUNT, J. R. DAVIES,
B. F. PATY

ADVISORY COMMITTEE.

CLASS I—Term expires in 1903.

MRS. J. M. AMOS	Cambridge
MRS. E. S. SHEPARDSON	Granville
MRS. E. K. NICHOLS	Wilmington
MRS. B. F. McCANN	Dayton
MRS. J. H. McKIBBEN	Cincinnati

CLASS II—Term expires in 1904.

MRS. G. M. PETERS	Cincinnati
MRS. J. A. ROBERT	Dayton
MRS. C. T. LEWIS	Toledo
MRS. J. R. DAVIES	Newark
MRS. S. F. VAN VOORHIS	Newark

CLASS III—Term expires in 1905.

MRS. J. F. CAMPBELL	Canton
MRS. WILSON CHISHOLM	Cleveland
MRS. R. S. COLWELL	Granville
MRS. L. T. SCHOFIELD	Cleveland
MRS. E. B. SOLOMON	Dayton

**OFFICERS OF INSTRUCTION AND
GOVERNMENT.**

EMORY W. HUNT, D. D., LL. D.,

PRESIDENT

Intellectual and Moral Philosophy.

HARRIET MARIA BARKER, A. M.,

DEAN.

History of Art.

JOHN L. GILPATRICK, PH. D.,

Mathematics.

R. S. COLWELL, D. D.,

Greek

GEO. F. McKIBBEN, A. M.,

Romance Languages.

CHARLES L. WILLIAMS, A. M.,

Rhetoric and English Literature.

W. H. JOHNSON, A. M.,

Latin.

C. J. HERRICK, PH. D.,

Zoology.

C. W. CHAMBERLAIN, A. B.,

Physics and Chemistry.

T. L. WATSON, PH. D.,

Geology and Mineralogy.

W. A. CHAMBERLIN, A. M.,

Modern Languages.

WILL H. BOUGHTON, C. E.,

Engineering.

DENISON UNIVERSITY.

W. BLAIR CLARK, M. S.,
Chemistry.

A. S. CARMAN, A. B.,
History.

BUNYAN SPENCER, A. M., B. D.,
Logic.

MARY E. ADKINS, A. B.,
Physiology and Physical Training.

ANNA B. PECKHAM, A. M.,
Latin.

CLARA ANNE DAVIES, B. S.,
Science.

NELLIE A. MONTGOMERY, A. B.,
English Literature and History.

ALMA BLAISDELL,
Introductory Classes.

HELEN M. HUNT,
Matron.

W. BLAIR CLARK, M. S.,
Treasurer.

ANNA B. PECKHAM, A. M.,
Secretary of the Faculty.

LADIES IN CHARGE OF COLLEGE HOUSES.

Burton Hall	MISS BARKER.
King Hall	MISS PECKHAM.
Shepardson Cottage	MISS MONTGOMERY.
Case Cottage	MISS DAVIES.
Club House	MISS BLAISDELL.

COURSES OF STUDY AND DEGREES.

As previously stated, the courses of study of Denison University, and its degrees, are all open to students of Shepardson College on equal terms with young men, and a detailed statement of studies offered in the various departments of instruction, with conspectus of courses leading to the several degrees, and schedule of recitation hours, will be found on pages 37-81.

In addition to these courses, Shepardson College on its own account offers the title of Associate in Literature for the following course, based upon the same amount of preparatory work as is required for entrance to the Freshman Year in the University courses.

FIRST YEAR.

FALL TERM

French or German . . .
Rhetoric . . .
Chemistry . . .
American Literature . . .

WINTER TERM

French or German . . .
English Literature . . .
Chemistry . . .
American Literature . . .
English . . .

SPRING TERM

French or German . . .
English Literature . . .
Chemistry or Botany . . .
American Literature . . .
English . . .

SECOND YEAR.

FALL TERM

French or German . . .
Eng. Lit. or History . . .
Elective . . .
English . . .

WINTER TERM

French or German . . .
Eng. Lit. or History . . .
Elective . . .
English . . .

SPRING TERM

French or German . . .
Eng. Lit. or History . . .
Elective . . .
English . . .

The work in American Literature as outlined is required somewhere in the course. However, the

student will be allowed the option of Music or Art instead of American Literature during the first year, if desired. This work in Music or Art may be continued during the second year as an elective.

The work in English Literature required for this course is open also as elective to College students in the regular University Courses. The chief results sought in the study of English Literature are: First, a comprehensive view of its historic development; second, the cultivation of a broad and generous spirit in the criticism of literary work.

The principles of style of prose and poetry according to *Minto's Manual of English Prose Style*, *Gummere's Handbook of Poetics*, and *Corson's Primer of English Verse* are continually kept before the student in reading the masterpieces. The library reading constantly required is facilitated by the use of printed topics, and affords the student excellent opportunity to learn the art of note-book keeping, and how to handle books.

In addition to recitations, the class room work is varied by brief papers and original discussions by the students, and occasional talks and lectures by the instructor.

In the winter term of the second year a brief course in Anglo-Saxon is given. In the spring term, special time and attention are devoted to Shakespeare studies. The plays read are studied with particular reference to the principles of the drama as set forth in *Freytag's Technique of the Drama*.

ROOMS AND BOARD.

Non-resident students are expected to board and room in the College, unless other arrangements have been previously made with the college authorities.

A self-boarding club is maintained upon the college grounds, under the care of the matron and in charge of a resident teacher.

Teachers and students living on the College grounds, excepting those in the Club House, take meals in the Dining Hall, a bright, spacious room fully equipped, and adapted to the needs of such an institution.

Each student must furnish her own napkins and napkin ring, towels, sheets, pillow cases and bedding for either single or double bed, so that two room-mates may together furnish all needful bedding. Size of pillows, 22 x 27 inches. Those who desire may provide window drapery, table spreads, etc. All articles of clothing and bedding must be marked with the owner's name in full. Baggage should be plainly marked "Shepardson College," to insure prompt delivery.

In order to secure a room in advance, a retaining fee of five dollars must be deposited by each student with the Treasurer of the College. No room is regarded as engaged until this fee is in the Treasurer's hands. This sum will be applied on the first term's bills, unless the student fails to take the room, in which case it is forfeited. Those wishing a choice of rooms should apply early.

Rooms engaged at the close of the school year will not be held later than August 1, unless the retaining fee has been paid.

ADMISSION.

Students who have taken any of the regular courses in the Shepardson Preparatory Department are admitted to the Freshman Year of the corresponding course upon their certificates, without further examination. For those who have prepared elsewhere, the conditions of admission are identical with those of Granville College. See pages 33-34.

GOVERNMENT.

Only such rules and regulations are imposed as are necessary to maintain health and order. It is the endeavor of the College to foster among its pupils self-knowledge and self-control. In this policy it is aided by the hearty co-operation of the students themselves. In short, the government of the College is intended to be educational, rather than restrictive.

MORAL AND INTELLECTUAL INFLUENCES.

Without placing any constraint upon the denominational preferences of its pupils, the College aims to surround them with salutary Christian influences. Attendance on the daily Chapel exercises and the usual Sunday service is required, but no restriction is placed upon the pupil's choice of a regular place of worship. A students' prayer-meeting is held every Monday evening. Students and teachers unite in the Young Women's Christian Association, in a Missionary Band, and in classes organized for systematic Bible study.

There are two Literary Societies in the College, the Enterpean and the Philomathean, which have a large membership and do excellent work.

The Marsh Memorial Library in King Hall, established by Dr. and Mrs. Shepardson in memory of their daughter, Mrs. Lide Shepardson Marsh, contains a valuable collection of books for Bible and missionary study; also dictionaries, encyclopedias, and other helps for general study. This library is constantly being increased by gifts from the family and friends of Mrs. Marsh.

The Reading Rooms in Burton Hall are supplied with current literature, and in addition to the University Library a special Reference Library is maintained on the Shepardson College grounds, for the convenience of its students and teachers.

A Social Culture club holds regular meetings for the presentation and discussion of various questions pertaining to social etiquette. The social advantages of the school itself are greatly enhanced by the hearty welcome which the young ladies receive in the homes of the people of Granville.

MUSIC AND ART.

The Conservatory of Music, and the School of Art, furnish ample facilities to students who wish to pursue these branches. The courses offered, with the special charges in these departments, are described elsewhere.

ELOCUTION.

The classes of Mr. Neil, Instructor in Elocution, are open to students of Shepardson College. The charge for this work is extra. For detailed information, consult the general index.

PHYSICAL TRAINING.

This work is carefully planned to meet individual needs ascertained by a physical examination given each student at the beginning of the college year. Special corrective gymnastics have been employed to a considerable extent.

The time spent in indoor exercise is divided between class work with music, and individual work on chest weights and other developing appliances. Outdoor work consists largely of tennis and basket ball.

The students on the grounds are required to take systematic exercise. Those living in the village enjoy the benefits of the gymnasium upon the payment of a dollar a term or two dollars a year. For the sake of uniformity, students are advised to consult the Director before procuring their gymnasium suits.

SCHOLARSHIPS.

A limited number of scholarships are available for the use of students in case of necessity, provided they maintain an honorable standing in their classes and live an exemplary life.

It is understood that pupils holding scholarships, if called upon, will be expected to render slight service to the college. Such service, however, will in no way conflict with the pursuance of regular college studies.

EXPENSES.

The following schedule enumerates the principal expenses, which, as will be readily seen, have been reduced to a minimum. Tuition, incidentals and library fees are payable each term in advance, no stu-

dent being allowed to register until such settlement has been made with the treasurer.

No money will be refunded to a student who leaves before the close of the term except when one is excused from classes on account of one's own illness, in which case a charge is made for board, only for the time the student is resident in the college. No reduction for room rent, tuition, fees, etc., is made for less than half a term.

Rooms in Burton and King Halls, including heat, electric light, etc., range in price from \$40 to \$70 per year for each student.

Meals sent to rooms will be charged extra.

Any breakage or injury to furniture or rooms will be charged to the occupants of rooms.

Arrangements for washing can be made on reasonable terms.

FALL TERM.

Board	\$40 00
Ordinary room with fuel and light	12 00
Tuition in the Collegiate Courses	15 00
" " Preparatory Courses	13 00
Incidental fee for each pupil	2 00
Library fee	1 00

WINTER TERM.

Board	\$35 50
Ordinary room with fuel and light	10 00
Tuition in the Collegiate Courses	12 00
" " Preparatory Courses	10 50
Incidental fee for each pupil	2 00
Library fee	1 00

SPRING TERM.

Board	\$35 50
Ordinary room with fuel and light	8 00

Tuition in the Collegiate Courses	12.00
" " Preparatory Courses	10.50
Incidental fee for each pupil	1.00
Library fee	1.00

EXTRA EXPENSES.

Matriculation fees are as follows: Freshman Class, \$2; Sophomore, \$3; Junior, \$4; Senior, \$5.

Students absenting themselves from the regular examinations are charged a fee of \$3 for each special examination.

Certain Laboratory courses in Natural Science have fees attached, to cover cost of materials and breakage. For college classes these fees will be found with the statement of the individual courses in the various departments. For preparatory courses in Chemistry the fee is \$3 per term; in Physics, \$1 per term.

PREPARATORY DEPARTMENT.

The students of the Preparatory Department of Shepardson College are not separated from those of the College, except in class-room. In the homes they mingle freely, living side by side, enjoying the same friendships, pleasures, and privileges. This intimate association is helpful to all, but especially so to those of less experience.

ENTRANCE.

It is important that those entering for the first time should come the day before the opening of the Fall Term, for examination and classification.

Though students may enter at the beginning of any term, much is to be gained by entering the work at the opening of the year.

Each student in ordinary health is expected to take three regular studies,—or their equivalent in music or art,—and do the usual amount of reading and rhetorical work.

Lateness at the opening of the term can not be excused unless occasioned by illness in the family.

EXAMINATIONS.

At the close of each term written examinations are held; but those who, during the term, have maintained a grade of 95 per cent, may be excused from such tests, with the rank of *honor students*. In order to secure this grade, pupils should have no unexcused absences.

RELIGIOUS EXERCISES.

All students of the College are required to attend morning and evening Sabbath services and Sabbath School.

Classes in Bible study meet regularly, and are open to all members of the College.

COURSES OF STUDY.

The courses required for entrance to the Freshman Class in the University are all provided. For the contents of these courses, consult the general index under the heading *Doane Academy*. The Greek of the Classical Course, and the Chemistry of the Scientific and Philosophical, are taught by the Instructors in Greek and Chemistry in Doane Academy.

Requirements for entrance to the Freshman class, as adopted by preparatory schools generally, are as follows:

Books prescribed for reading and practice:

1902: Shakespeare's *The Merchant of Venice*; Pope's *Iliad*, Books I, VI, XXII, XXIV.; *The Sir Roger de Coverley Papers* in the *Spectator*; Goldsmith's *The Vicar of Wakefield*; Coleridge's *The Ancient Mariner*; Scott's *Ivanhoe*; Cooper's *The Last of the Mohicans*; Tennyson's *The Princess*; Lowell's *The Vision of Sir Launfal*; George Eliot's *Silas Marner*.

1903 and 1904: Shakespeare's *Merchant of Venice* and *Julius Caesar*; *The Sir Roger de Coverley Papers* in *The Spectator*; Goldsmith's *Vicar of Wakefield*; Coleridge's *The Ancient Mariner*; Scott's *Ivanhoe*; Carlyle's *Essay on Burns*; Tennyson's *The Princess*; Lowell's *The Vision of Sir Launfal*; George Eliot's *Silas Marner*.

Books prescribed for careful study and practice:
1902, 1903 and 1904: Shakespeare's *Macbeth*;
Milton's *Lycidas*, *Comus*, *L'Allegro* and *Il Penseroso*;
Burke's *Speech on Conciliation with America*; Mac-
caulay's *Essays on Milton and Addison*.

The exercises in writing aim to teach clear and accurate expression, special emphasis being laid upon spelling, grammar, punctuation, diction, sentence structure and paragraphing. As regards the reading the pupil is required to give evidence of general knowledge of the subject matter; to know something of the historical background of each book read, and to be familiar with the life of the author.

PREPARATORY SCHEDULE.

FALL TERM, 1903.

Hour.	7-8.	8-9.	10-11.	11-12.	1-2.	2-3.
Junior	Latin	Algebra			Eng. Hist.	
Middle Cl.	Physics	Chemistry	Greek I.	(Greek II.)	Med. & Mod. Hist.	
Sc.				Latin		
Senior Cl.			Geometry.	Latin.	French, German	Greek.
Sc.	Physics					

WINTER TERM, 1904.

Hour.	7-8.	8-9.	10-11.	11-12.	1-2.	2-3.
Junior	Latin	Algebra			Ang. Hist.	
Middle Cl.	Greek I.		(Greek II.)		Rhetoric.	
Sc.	Chemistry &	Physiology &		Latin.		
Senior Cl.			Geometry.	Latin.	Greek	
Sc.	Physics			French, German		

SPRING TERM, 1904.

Hour.	7-8.	8-9.	10-11.	11-12.	1-2.	2-3.
Junior	Algebra	Latin			Physiology.	
Middle Cl.	Greek I.		(Greek II.)		Rhetoric.	
Sc.	Physiology &		Chemistry	Latin.		
Senior Cl.	Algebra			Latin.	Greek.	
Sc.		French, German	Geometry & Physics &			

Juniors and Seniors have 1 hour English throughout year.

**DEGREES CONFERRED BY SHEPARDSON
COLLEGE, JUNE, 1902.**

BACHELOR OF LITERATURE.

LAURA BELLE BAYLESS.

HARRIET MESSENGER.

(105)

STUDENTS IN SHEPARDSON COLLEGE AND PREPARATORY CLASSES.

SENIOR CLASS.

RACHEL HARTSHORN COLWELL, Sc.	Granville.
SARAH EUDORA DRAKE, Cl.	Bedford.
MARY CEVA FELTON, Sc.	Newark.
VERONIE VALERIA HUNTER, Lit.	Danville.
JESSIE AMANDA KING, Lit.	King's Mills.
CORINNE ANNE MEYER, Lit.	Newark.
DORA MOORE, Ph.	Philippi, W. Va.
MARY BEATRICE PALMERSON, Lit.	Granville.
DAILY SHAMBERGHE, Cl.	Perryssville.

JUNIOR CLASS.

GRACE WINIFRED BACKUS, Cl.	Jefferson.
KATE LEONORA CHAMBERS, Sc.	Amanda.
ELIZABETH WINNOR COLWELL, Cl.	Granville.
RUTH ANNA DRAKE, Lit.	Piqua.
CLARA MARIA FOLETT, Sc.	Granville.
JANET RACHEL JONES, Sc.	Granville.
MARY CLAUDIA JONES, Sc.	Newark.
RUBY JONES, Sc.	Newark.
CLARA LOUISE McDONALD, Cl.	Newark.
JANE BELLE SIMPSON, Cl.	Hopwood, Pa.
LILLIAN ALICE SMITH, Ph.	Cleveland.
LILLIAN ALICE WYCK, Lit.	Granville.
MABEL ESTHER WYLLIE, Ph.	Granville.

SOPHOMORE CLASS.

HELEN TAMMIE CASE, Lit.	Granville.
MAYRA EDDY DENISON, Ph.	Toledo.
ELIZABETH FULLERTON, Lit.	Greenfield.
ELBIE COWLAN HUNTER, Cl.	Norwalk.
MARGARET FAYE MARLOWE, Lit.	Granville.
RUTH ELEANOR MCKIBBEN, Lit.	Granville.
MARY CAROLINE MEGGINSOHN, Sc.	Grand Rapids.
STELLA MILDRED MOORE, Lit.	Granville.

SOPHOMORE CLASS — Concluded.

MYRA PELLENS, Ph.	Fort Wayne, Ind.
BERTHA MARIE SMITH, Cl.	Granville.
CORA ELLEN SHERMAN, Cl.	Bellevue.
SARAH ELEANOR THOMAS, Lit.	Ray City, Mich.
ELIZABETH THORNTON, Ph.	Granville.
MARJORIE WILLIAMS, Ph.	Columbus, Neb.
MARGARET ANN WATKINS, Lit.	Granville.
MARY EDITH WOOD, Sc.	Granville.

FRESHMAN CLASS.

ANNA BELLE BEATTIE, Cl.	Norwalk.
BETTY DUNNIN CROPPENSON, Sc.	Lutherport, W. Va.
HELEN M. CRANE, Lit.	Newark.
VIVIE KELSO DUNBARSON, Sc.	Intery.
AME JEANETTE DODSON, Sc.	Columbus.
MARY EMILY FERGUSON, Cl.	Granville.
HARRIET CLAUDE GILDAN, Cl.	Granville.
MARY CROSBY HALL, Sc.	Newark.
MARY HELEN HUNT, Cl.	Granville.
MARY ADELADE JENNESS, Ph.	Cherry Point, Ill.
ELLEN DOUGLAS JOHNSON, Sc.	Parkersburg, W. Va.
ELEANOR McDONELL, Cl.	Cincinnati.
AGNES NICHOL, Ph.	Granville.
ANNE EUNICE NICHOL, Ph.	Granville.
DONNA RUSSELL, Sc.	Sidney.
OLIVE FRANCES SPENCER, Ph.	Newark.
EDNA ROSE THORNTON, Ph.	Granville.
BESSIE TRUMPER, Ph.	London.
ESTHER REES WILLIAMS, Ph.	Columbus.
AMY EMELINE ZIMMERMAN, Ph.	Perrysville.

ELECTIVES.

MARY ADKINS.	Granville.
BESSIE ELLA RECK.	Bethel.
ALMA LOUISE BLAISDELL.	Des Moines, Ia.
MARY MARGARET BROTHERTON.	Delphos.
CHARISSA CARROLL.	Alexandria.
ANNA MAUD CHAMBERS.	Cumberland.
MARY ETHEL FIELD.	Fort Wayne, Ind.

ELECTIVES — Concluded.

FRANCES DWIGHT JOHNSON,	Parkersburg, W. Va.
MARY LOUISE JONES,	Newark.
IDA MOORE,	Newark.
MARY BEBLE NEWTON,	Bowling Green.
MARLAN STARR NICHOL,	Granville.
GRACE LILLIAN NICHOLS,	Bedford.
FLORENCE MARY NICKELS,	Toledo.
SHIRLEY PITSER,	Newark.
FAITH POMEROY,	Boston, Mass.
GENEVIEVE BOOTH SHEPARD,	Wyoming.
LELIE MAY SHINN,	Flora, Ill.
SHELLA THOMPSON,	Tunnel Hill.
HELEN WILLIAMS,	Granville.
LINA WILLIS,	Washington, C. H.
ELSIE WRIGHT,	Croton.
GRACE WRIGHT,	Croton.

STUDENTS IN SHEPARDSON COLLEGE TWO
YEARS' COURSE.

SENIOR CLASS.

MARTHA GRACE HARTFORD,	Granville.
LILIAN MCKINSON,	Grand Rapids.
KATHERINE KELSEY MESSENGER,	Utica.

SHEPARDSON PREPARATORY DEPARTMENT.

SENIOR CLASS.

FLORENCE ETHEL BOUNDS,	Newark.
MABEL ALICE BUTTERFIELD,	Granville.
CLARICE EMILY CARROLL,	Alexandria.
SARAH ADELYN FLEMING,	Browning, Mo.
BESSIE LEONIE GULLEY,	Selma, Ala.
BERTHA ANNA HEACOCK,	Sekitan.
HELEN LE CRONE	Millersport.

SENIOR CLASS - Concluded.

MARY EDNA MARTIN,	Newark.
MARY LOUISE McKIBBEN,	Granville.
MERTIE ELLEN REYENAUGH,	Granville.
MARY CATHERINE TUTTLE,	Granville.
ALICE MAY WILLIAMS,	Granville.
LILLIE MARGON WILLS,	Washington, C. H.
BESSIE FANNY WILSON,	King's Mills.
GRACE WINGGIF,	Croton.

MIDDLE CLASS.

JOYCE McALISTER CHAMBERS,	Aminda.
MARY EDITH DAVIS,	Granville.
MILBURN HUNT,	Granville.
HELEN EMERSON MARTIN,	Helton.
GRACE MARIE PRICE,	Morgan Park, Ill.
ELLA MARRON ROBERTS,	Granville.
MABEL GRACE SMITH,	Mill Rock.
GLENDA SPENCER,	Granville.
GEORGE EVELYN TOWN,	Johnstown.

JUNIOR CLASS.

DELLAH BEGGIE BROWN,	Granville.
ALICE DALZIEL,	Granville.
BERTHA ANNA FRYER,	Windshek, Hamburg, Germany.
HELEN KENNEDY HUNT,	Granville.
Gwendolyn JONES,	Granville.
HELEN GRACE McCLELLAND,	Fredericktown.
MARY EDNA McDANIEL,	Raccoon Island.
MARGARET McKIBBEN,	Granville.
RUTH ORCUTT,	Granville.
MARTHA ELLER SMITH,	Columbus.
ALICE AMELIA TUTTLE,	Granville.

ELECTIVE.

ADA ALEXANDER,	Wren.
NELLIE FAYENS BARR,	Pleasantville.
BESSIE ELIZA BECK,	Bethel.
HELEN MAY CRANE,	Newark.

ELECTIVE — Concluded.

VIVA KILSO DICKERSON,	Jersey.
AMY JEANETTE DODSON,	Columbus.
HAROLD CLARICE GILLILAN,	Granville.
GERTRUDE FLORENCE GORD,	Granville.
MARY CROSSLLEY HALL,	Newark.
ROSE ELSIE HARRISON,	Jersey.
ALICE HAYES HUMPHREY,	Granville.
ELITH TERESA JONES,	Canton.
MYRTLE JONES,	Granville.
LENA CARROLL McCALL,	Hebron.
FLORENCE MCCLELLAND,	Fredericktown.
BERTHA McDONALD,	Dresden.
ELEANOR McDOWELL,	Cincinnati.
GRAYNE PAULINE MELICK,	W. Rushville.
MARY BELLE NEWTON,	Bowling Green.
GRACE LILLIAN NICHOLS,	Bedford.
SHIRLEY PEARLE PIESER,	Newark.
DONNA GRACE RUSSEL,	Sidney.
HELEN CECILIA SCOTT,	Granville.
MAUDE ALMA SINNETT,	Granville.
JUANITA MARTHA SMITH,	Cleveland.
OLIVE FRANCES SPENCER,	Dresden.
RENA VON STAATS,	Fredericktown.
STELLA THOMPSON,	Tunnel Hill.
ELISE WRIGHT,	Croton.
MARY EMERSON WRIGHT,	Bethesda.

III. DOANE ACADEMY.

FACULTY.

EMORY W. HUNT, D. D., LL. D.,
PRESIDENT OF DENISON UNIVERSITY.

H. RHODES HUNDLEY, Sc. D.,
PRINCIPAL.
English and History.

CHARLES B. WHITE, A. M.,
Latin.

*FRED. L. HUTSON, A. B.,
Greek.

WARNER W. STOCKBERGER, B. S.,
Sciences.

BUNYAN SPENCER, A. B.,
Greek.

KARL O. BURRER, B. S.,
Mathematics.

WILLIAM E. ARTER,
Assistant in Preparatory Year.

CHARLES B. WHITE,	Registrar.
WARNER W. STOCKBERGER,	Secretary.

* Absent on leave for one year.

HISTORY OF DOANE ACADEMY.

This school was organized in 1831, as a preparatory department of the Granville Literary and Theological Institution. As the latter school developed, becoming first Granville College and finally Denison University, the preparatory department remained a fundamental part of this educational plant.

In 1887, for the purpose of adding to the attractiveness of the department and of increasing its efficiency, it was made a separate school and named Granville Academy.

In 1894, the school received from Dr. William Howard Doane, of Cincinnati, the gift of a beautiful and commodious building, costing \$30,000. As an expression of gratitude for this generous gift, at their annual meeting in 1895, the board of trustees changed the name of this school to "Doane Academy."

AIMS

It is the special aim of the Academy to bestow the best quality of instruction preparatory to College. In addition to the preparatory work, however, the curriculum has been so enlarged as to furnish to those not intending to pursue a course in College a first-class Academic education.

ADVANTAGES OF LOCATION.

The school is located at Granville, Licking County, Ohio, a village noted for the beauty of the surrounding scenery and the healthfulness of its climate, and for the intelligence and high moral character of its citizens. The quiet of the place is highly conducive to earnest study. The absence of saloons and

all places of gambling and vice makes Granville an ideal place for young people. The social atmosphere is pure and elevating and offers to young men an opportunity for the cultivation of those graces which will enable them to appear well in good society.

ROOMS FOR STUDENTS.

A portion of one of the dormitory buildings of Denison University has been set apart to the purposes of the Academy. It contains rooms for students, all of which are under the supervision of the Dean of the Academy, and subject at all times to his inspection.

The rooms are arranged in suites, each suite consisting of a study 12 by 15 feet, a bedroom 8 by 11 feet, and two small closets. Each suite is designed for two students.

The rooms, when rented to students, are in good repair, but entirely unfurnished. The occupants procure such furniture as is mutually desired, and divide the expense.

If any student prefers to room elsewhere, or if at any time he finds all the rooms in the dormitories assigned to others, he can always obtain in the village at moderate cost pleasant rooms, either furnished or unfurnished.

COURSES OF STUDY.

REGULAR COURSES.

There are three regular courses of study — the Classical, the Philosophical, and the Scientific — leading to corresponding courses in the College. Each of these courses extends through three years. The holder of a diploma of Deane Academy is admitted without matriculation fee or examination to the Freshman Class in Denison University. Although these courses have been arranged with special reference to the curricula of the University, they will be found in the main sufficient to prepare for entrance into any American College.

PREPARATORY YEAR.

It frequently happens that young men whose preparation is defective apply for admission to the Academy. To meet the demands of such cases, a year of instruction in elementary branches is prescribed.

SPECIAL STUDIES.

When the demand is sufficient to justify the formation of classes in Book-keeping and Penmanship, these subjects are taught by competent instructors.

Special English and Normal courses of study will be provided for teachers, and for those who desire to fit themselves to teach, in the common schools.

ELECTIVE STUDIES.

When the reason seems to be sufficient, students are allowed to make a judicious choice of elective

studies, but this choice is never permitted to interfere with the work of the regular classes in which such studies may be elected.

ADMISSION OF STUDENTS.

Although students are admitted at any time, they enter to the best advantage at the beginning of the Fall Term. Those who desire to enter after the school year has begun should, by correspondence with the Dean, ascertain before hand, as nearly as possible, the progress that has been made by the class which they purpose to enter.

CONDITIONS OF ADMISSION.

The requirements for admission to the Junior Class are the studies of the Preparatory year; and to advanced standing, the studies previously pursued by the class which the applicant desires to enter.

No student will be admitted who is not fitted to do well the work of the Preparatory year.

An applicant not personally known to some member of the Faculty must furnish testimonials of good character, and, if from another institution, he must present a certificate of honorable dismissal.

COURSES OF INSTRUCTION.

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DENISON UNIVERSITY.

PREPARATORY YEAR.

FALL TERM.

1. *English* — Grammar.
2. *Mathematics* — Arithmetic.
3. *History* — United States.

WINTER TERM.

1. *English* — Grammar and Analysis.
2. *Mathematics* — Arithmetic.
3. *History* — United States.

SPRING TERM.

1. *English* — Composition.
2. *Mathematics* — Arithmetic.
3. *Civil Government*.

JUNIOR YEAR.

FALL TERM.

1. *Latin* — Grammar and First Latin Book.
2. *Mathematics* — Algebra.
3. *Science* — Physiology.
4. *English* — Two hours per week.

WINTER TERM.

1. *Latin* — First Book continued.
2. *Mathematics* — Algebra.
3. *History* — Ancient.
4. *English* — Two hours per week.

SPRING TERM.

1. *Latin* — Caesar's Gallic War, Book I. Latin Prose Composition.
2. *Mathematics* — Algebra.
3. *History* — English.
4. *English* — Two hours per week.

MIDDLE YEAR.

I. CLASSICAL COURSE.

1. *Latin*.—Caesar's Gallic War and Latin Prose Composition continued.
2. *Greek*.—Grammar and First Lessons.
3. *Science*.—Elementary Physics.
1. *Latin*.—Caesar's Gallic War and Latin Prose Composition continued. Cicero's Orations against Catiline.
2. *Greek*.—First Lessons continued.
3. *English*.—Rhetoric.

II. PHILOSOPHICAL COURSE

FALL TERM.

1. *Latin*.—Caesar's Gallic War and Latin Prose Composition continued; or
Greek.—Grammar and First Lessons.
2. *History*.—Medieval and Modern.
3. *Science*.—Chemistry.

WINTER TERM.

1. *Latin*.—Caesar and Prose Composition continued. Cicero's Orations against Catiline.
Greek.—First Lessons continued.
2. *Science*.—Chemistry, 2 hrs. recitation, 2 hrs. laboratory per week; Physiology, 2 hrs. recitation, 2 hrs. laboratory per week.
3. *English*.—Rhetoric.

III. SCIENTIFIC COURSE.

1. *Latin*.—Caesar's Gallic War and Latin Prose Composition continued.
2. *History*.—Medieval and Modern.
3. *Science*.—Chemistry.
1. *Latin*.—Caesar and Latin Prose. Cicero's Orations against Catiline.
2. *Science*.—Chemistry, 2 hrs. recitation, 2 hrs. laboratory a week; Physiology, 2 hrs. recitation, 2 hrs. laboratory a week.
3. *English*.—Rhetoric.

MIDDLE YEAR — Concluded

I
CLASSICAL COURSE.

1. *Latin*. — Cicero's Orations against Catiline, and Latin Prose Composition continued.
2. *Greek*. — Xenophon's Anabasis.
3. *English*. — Rhetoric continued.
General Exercises. — Essays and Declamations during the year.

II
PHILOSOPHICAL COURSE.
SPRING TERM.

1. *Latin*. Cicero's Orations against Catiline, and Latin Prose Composition continued; or
Greek. — Xenophon's Anabasis.
2. *Science*. — Chemistry, 2 hrs. recitation, 2 hrs. laboratory a week; Physiology, 2 hrs. recitation, 2 hrs. laboratory a week.
3. *English*. — Rhetoric continued.
General Exercises. — Essays and Declamations during the year.

III.

SCIENTIFIC COURSE.

1. *Latin*. — Cicero's Orations against Catiline, and Latin Prose Composition continued.
2. *Science*. — Chemistry, 2 hrs. recitation, 2 hrs. laboratory a week; Physiology, 2 hrs. recitation, 2 hrs. laboratory a week.
3. *English*. — Rhetoric.
General Exercises. — Essays and Declamations during the year.

SENIOR YEAR

I CLASSICAL COURSE

1. *Latin*. — Vergil's *Aeneid*, Books I, II, III, Prose only and Mythology.
2. *Greek*. — Xenophon's *Anabasis* continued; Greek Prose Composition.
3. *Mathematics*. — Plane Geometry.
4. *English*. — One hour per week.

II PHILOSOPHICAL COURSE FALL TERM

1. *Latin*. — Vergil's *Aeneid*, Books I, II, III, Prose only and Mythology; or *Greek*. — *Anabasis*; and I Prose Composition; or *German*. — Grammar, Composition and Reader.
2. *Science*. — Physics.
3. *Mathematics*. — Plane Geometry.
4. *English*. — One hour per week.

III SCIENTIFIC COURSE

1. *Latin*. — Vergil's *Aeneid*, Books I, II, III, Prose only and Mythology; or *French*. — Grammar and Reader; or *Greek*. — Grammar and First Lessons.
2. *Science*. — Physics.
3. *Mathematics*. — Plane Geometry.
4. *English*. — One hour per week.

I.
CLASSICAL COURSE.

1. *Latin*. — Vergil's *Aeneid*, Books IV., V., VI. Proseody and Mythology continued.
2. *Greek*. — *Anabasis* and *Composition* continued.
3. *Mathematics*. — Solid and Spherical Geometry.
4. *English*. — One hour per week.

II.
PHILOSOPHICAL COURSE
WINTER TERM.

1. *Latin*. — Vergil's *Aeneid*, Books IV., V., VI. Proseody and Mythology continued.
2. *Science*. — *Physics*.
3. *Mathematics*. — Solid and Spherical Geometry.
4. *English*. — One hour per week.

III.
SCIENTIFIC COURSE

1. *Latin*. — Vergil's *Aeneid*, Books IV., V., VI. Proseody and Mythology summed; or
French. — Bevier's *Grammar*, Whitney's *Reader*, Daudet and Victor Hugo; or
Greek. — *First Lessons* continued.
2. *Science*. — *Physics*.
3. *Mathematics*. — Solid and Spherical Geometry.
4. *English*. — One hour per week.

SENIOR YEAR — Concluded.

I.
CLASSICAL COURSE.

1. *Latin*. — Cicero's Orations, Poet Archias, Manilian Law, Marcellus, Latin Prose Composition.
2. *Greek*. — Xenophon's Anabasis and Greek Prose Composition continued.
3. *Mathematics*. — Algebra.
4. *English*. — One hour per week.
General Exercises. — Orations during the year.

II.
PHILOSOPHICAL COURSE
SPRING TERM.

1. *Latin*. — Cicero's Orations and Prose Composition.
2. *Science*. — Physics, 3 hrs.
3. *Mathematics*. — Algebra and Geometry, 2 hrs.
4. *English*. — One hour per week.
General Exercises. — Orations during the year.

III.
SCIENTIFIC COURSE.

1. *Latin*. — Cicero's Orations and Prose Composition;
or
French. — Modern Prose and Poetry; Racine's *Athalie*; or
Greek. — Xenophon's Anabasis.
2. *Science*. — Physics, 3 hrs.
3. *Mathematics*. — Algebra and Geometry, 2 hrs.
4. *English*. — One hour per week.
General Exercises. — Orations during the year.

CLASS WORK.

REGULARITY AND PUNCTUALITY.

Every student, unless excused for special reasons, is expected to attend at least three recitations each school day. His attendance on these, and on the special or public exercises of the class or of the Academy, must be punctual.

Parents are especially urged to encourage students to be present at the opening of the term, and to remain at their work till its close. Absence from the duties of the school, whether occasioned by absence from town or by the entertainment of friends, is subversive of the highest good of the student. His pleasure, or that of his friends, should never be permitted to interfere with his daily duties.

EXAMINATIONS.

Examinations are held at the close of each term, and at intervals during the term, at the discretion of the instructor. If a student's grade for a given term in a given class falls below six-tenths of the maximum, he forfeits his right to continue as a member of the class. In determining his grade, his examination mark has half the power of the average of his term marks. Regularity in work, good conduct, spelling and diction are considered as elements in making up the student's standing.

RULES FOR EXAMINATIONS.

1. All students, whether candidates for the diploma of the Academy or not, are required to attend all examinations in the studies they pursue, unless excused by merit.

2. No student whose examination in any study is reported as "*Incomplete*," will receive credit for that study until after the examination has been completed. In case, however, the examination be not completed within one year, the unfinished study will be regarded and treated as "*Not Passed*."

3. Any student reported as passed "*Conditionally*" in any work, must remove the condition within one year from the date of the examination in which it was incurred; otherwise he shall be regarded and treated as "*Not Passed*."

4. Any student reported as "*Not Passed*" in any study will receive no credit for that study until he has again pursued it as a regular class exercise, and has passed the regular examination in the same.

5. Giving or receiving aid in any examination is deemed grossly immoral, and will be visited with severe punishment.

6. A student who is absent from examination, without consent previously obtained, must present to the Faculty a written statement of the cause of his absence; and the reason must be accepted as sufficient before he can enter his class.

7. A student who, having been absent from a regular examination in any class, applies for a special examination, or any student who takes an examination for the removal of a condition, must present to the instructor the Treasurer's receipt for the examination fee before receiving credit for such special examination.

RULES GOVERNING ABSENCES FROM CLASS EXERCISES.

I. If a student shall be absent no more than five times from any class exercise during one term, these absences shall be treated as excused.

II. The absences in excess of five shall be treated as excused or unexcused, at the discretion of the instructor.

III. Five unexcused absences acquired in one term, or twenty amassed in different terms, will place the student subject to discipline by the Faculty of the University.

IV. When a student has been absent more than five times from any class, if these absences have been consecutive, he shall be required to pass an examination upon the part of

the work covered by the period of absences: if the absences have occurred at different periods during the term, the examination shall be upon such part of the work of the term as the instructor shall determine. The student's standing for the period of absences shall be determined by this examination.

V. These examinations shall not be considered special examinations.

VI. Every student who shall have been present at every recitation of a class during the term shall have his three lowest marks in that class changed into that mark above 60 of which he has the greatest number.

REPORTS.

At the close of each term of study the Secretary of the Faculty mails to the parent or guardian of each student in the Academy a report of the standing attained by such student in each study pursued during the term, together with a record of his absences and delinquency.

Reports concerning individual students will also be furnished by the Dean at any time during the term upon the request of the parent or guardian.

PRIZES.

IRVING-CICERO LITERARY PRIZE CONTEST

For several years a spirited and friendly rivalry has existed between the two literary societies of the Academy. As a result of this the societies held for several years a public literary contest with no reward in view except that of the honor of being victor.

To stimulate this desire for honor and encourage faithful work in the societies, the faculty of the University adopted the following resolutions:

1. That the contest be held during the Winter term of each year.

2. That the winner of the contest in Declamation be granted a scholarship for the Spring Term of the current school year.

3. That the winner of the contest in Essay be granted a scholarship for the Fall Term of the next school year.

4. That the winner of the contest in Oration be awarded a scholarship during the Spring and Fall Terms next after the term in which the contest takes place.

5. That the winner of the debate receive a scholarship for three successive terms, beginning with the term next after that in which the contest occurs.

SHERWIN SCHOLARSHIP PRIZES.

H. A. Sherwin, Esq., of Cleveland, has established in the Academy a first and second prize of \$50 and \$25, respectively. These prizes are unique in their terms. The conditions of award are changed every year, and are announced only at the close of the year. Excellence in general scholarship with personal merit, excellence in Greek, excellence in Latin, and acquaintance with matters of current interest have been made the basis of award in different years since the prizes were established.

ATHLETIC PRIZES.

A number of prizes are awarded for excellence in certain athletic exercises of the Field Day of Denison University. For all these prizes members of the Academy are permitted to compete, and several of them are each year won by Academy students.

GRADUATION APPOINTMENTS.

THE HONOR MEN.

The member of the graduating class whose average standing during the Middle Year and the Fall and Winter Terms of the Senior Year is highest, is the last speaker on the programme of Graduation Day, and is called the Valedictorian. To the member of the class whose rank is next highest, is given the first place in the programme with the title of Salutatorian. No student who has not recited with the classes of the Academy in at least twelve full studies during these five terms of school, can receive either of these appointments.

OTHER SPEAKERS.

Every student who is eligible to the Diploma of the Academy writes an oration, and, having signed it with a fictitious name, hands it to the Dean of the Academy before April 15. The orations thus prepared are read to a committee whose members are ignorant of the authorship of the productions, and those four that are considered best are selected as the orations to be presented at the graduating exercises of the Academy.

EXPENSES.

The following is a summary of the principal necessary expenses during the Academic year:

tuition	\$34.00
Divided as follows: Fall Term, \$13; Winter and Spring Terms, \$10.50 each.	
Room Rent — Fall Term, \$4; Winter and Spring Terms, \$3 each	10.00
Incidentals — Fall Term, 25; Winter, \$2.50; Spring, \$2.50	8.00
Gymnasium fee	1.00
Fuel and lights	15.00
Books	12.00
Board — 29 weeks at \$2 per week	78.00
Washing	12.00
Sundries	6.00
Total for a year	\$176.00

The Laboratory fee for students in *Chemistry* is \$3.00 a term, in *Physics*, \$1.00 a term.

The fee for Diploma at Graduation is two dollars.

Fee for late registration, 50c on second day of the term and \$1.00 after second day.

A fee of \$2 is charged for each special examination.

Board in clubs costs from \$2 to \$2.50 per week; in families, \$3 to \$3.50. When board costs over \$2 per week, the excess must be added to the estimate given above. Many students reduce their expenses below that sum.

All term bills are to be paid, or satisfactory security for their payment lodged with the Treasurer, at the beginning of each term, before students take their

places in their classes. No charge for tuition, room rent, or incidentals will be for less than half a term.

Text-books and stationery can be obtained at the Denison Book Exchange or in the village.

The really necessary expenses of a student for a year, exclusive of clothing and traveling, range from \$175 to \$250.

MISCELLANEOUS.

GOVERNMENT.

It is the desire to establish and maintain a relation of confidence between teacher and pupil, and to stimulate those sentiments which mature into Christian manhood. Students are encouraged in self-government, and to this end the greatest possible freedom is accorded them; but they are continually taught the difference between liberty and license, the duty of practicing that self-denial which is necessary to the highest good both of themselves and of their fellows. While it is the aim of this school to do all the good possible to every student, it is in no sense a reform school, and no student whose influence is found to be injurious will be suffered to remain.

No student of the Academy is allowed to be absent from town, except upon permission previously obtained from the Dean.

Indulgence in profanity, card playing, the use of intoxicating liquors or tobacco, or visiting any place of questionable character, renders the student liable to suspension.

MORAL AND RELIGIOUS INFLUENCES.

The whole life and administration of the school, without being sectarian, are pronounced and positive in favor of the Christian religion. The exercises of each day begin with Scripture reading and prayer in the Chapel. This service the students are required to attend. They are also required to attend Church twice each Sunday. Two regular weekly prayer meetings are sustained by the students. Members of the Academy are made welcome in the various Sunday Schools of the village. In the Baptist Sunday School, several classes, taught by College and Academy Instructors, are intended expressly for students.

SCHOLARSHIPS.

By a vote of the Board of Trustees, the President of Denison University may remit the tuition of a limited number of students in cases of necessity. A few scholarships, surrendered by the original purchasers, are under the control of the Faculty, and are assigned by them at the beginning of each year.

VOLUNTARY SOCIETIES.

There are connected with the Academy and conducted by the students, two literary societies—the Ciceronian and the Irving. Each society has its own hall, which is neatly and tastefully furnished, and in which it holds weekly meetings.

The students of the Academy are also admitted to membership in the Denison University branch of the College Y. M. C. A., in the Scientific Association and in the Athletic Association of Denison University.

PUBLIC EXERCISES.

During the year the Literary Societies each hold three special public meetings — an "extra" at about the time of the Thanksgiving recess, an "Annual" near the end of the Winter Term, and a "Commencement" toward the close of the year. The graduating exercises of the Academy are held during the Commencement week of Denison University. Members of the class completing the work of the Academy participate in the programme. The diploma of the Academy is given to each student who completes in a satisfactory manner any of the regular courses of study.

DISMISSION.

No student who leaves the school before the close of a term will be considered as having honorably severed his connection with the Academy unless he has been duly dismissed by the Dean.

Any further information may be obtained by communication with the Dean of the Academy.

SCHEDULE OF RECITATIONS. FALL TERM.

Class	7:40	8:30	10:00	11:00	1:00	2:00
Preparatory	Arithmetic.		Grammar			U. S. Hist.
Junior	Latin I.	Algebra	Latin II.		Physiology	English.
Middle	Physics		Greek I.	(Greek II.)		Latin
Sc.		Chemistry	Medieval & Mod. with History			Latin
Ph.		Latin	Geometry	English		Greek
Senior	Physics	(Latin)	Trigonometry I.	English	(French.)	(Geometry II.)
Sc.			Geometry	English	(German)	(Geometry II.)

WINTER TERM.

Class	7:40	8:30	10:00	11:00	1:00	2:00
Preparatory	Arithmetic.		Grammar			U. S. History
Junior	Latin I.	Arabic History		Algebra	Latin II.	English.
Middle	Greek I.		Greek II.	Geometry		Latin
Sc. & Ph.	Chemistry (4)	Physiology (4)		Physics		Latin
Senior	English	Latin	Geometry I.		Greek	(Geometry II.)
Ph.	English	Latin	Geometry I.		Physics	(Geometry II.)
Sc.	English	(Latin)	Geometry I.	(French.)	Physics	(Geometry II.)
				(German)		

SPRING TERM.

Class	7:40	8:30	10:00	11:00	1:00	2:00
Preparatory	Arithmetic		Grammar			Civil Government
Junior	Latin I.	English History		Algebra	English	(Latin II.)
Middle	Greek I.		Greek II.	History	Latin	
Sc. & Ph.		Physiology (4)	Chemistry (4)	Physics	Latin	
Senior	Geometry (2)		Algebra	Latin	Greek	English
Ph.	Physics (2)		Algebra	Latin		English
Sc.	Geometry (2)	(French.)		Latin		English
	Physics (2)	(German)	Algebra			

AWARDS IN 1902.

COMMENCEMENT SPEAKERS.

SCHOLARSHIP.

First Honor, Valedictorian, . . . HARRY CLIFTON RANDOWER.

Second Honor, Salutatorian . . . JOHN TILDEN LATTI.

COMPETITIVE ORATIONS.

JAMES FRANK WHALLON, . . . WALTER CURTIS HUMPTON.

JOHN ERNEST LOYD.

IRVING-CICERO CONTEST.

Declamation, . . . JOSEPH HOWELL LOYD, Irving.

Essay, . . . ROBERT WILLIAM LUSE, Irving.

Oration, . . . HOWARD LEROY BETHEL, Cicero.

Debate . . . BERTRAM ALEXANDER MITCHELL, Irving.

SHERWIN PRIZES.

First Prize, Fifty Dollars . . . GUY CARLTON CHIPPEN.

Second Prize, Twenty-five Dollars . . . FRANK C. ONSTOTT.

DIPLOMAS GRANTED JUNE, 1902.

HOMER OSGOOD CARSON, Sc.,	HARRY CLIFTON RANSOWER,
CHARLES KING CHAPMAN, Sc.,	
CL.,	DANIEL FRANKLIN RITTEN-
HARVEY HALL, Sc.,	HOUSE, CL.,
JOHN HUGHES HISLOP, Sc.,	HENRY JOHN SKIPP, CL.,
GEORGE ELDON HOWELL, Sc.,	FRED MARTIN TIDD, CL.,
WALTER CURTIS HUMPTON,	ROBERT CLAY VAN VOORHIS,
Sc.,	CL.,
JAMES RUSSELL JENNESS, Sc.,	JAMES FRANK WHALLON, CL.,
ALBERT BREWER LANDRUM,	CHARLES HOWARD WILLIAMS,
Sc.,	Sc.,
JOHN TILDEN LATTI, CL.,	PERRY DANIEL WOODS CL.,
JOHN ERNEST LOYD, Sc.,	WILLIAM BOUTON WRIGHT,
ARTHUR STANTON MYERS,	Sc.,
Ph.,	ROBERT MORRIS WYLLIE, CL.
FRANK CURTIS ONSTOTT, CL.,	

STUDENTS IN DOANE ACADEMY.

SENIOR CLASS.

WILLIAM EDWARD ARTER, Sc.,	Kennett
GORDON CLARK BOW, Sc.,	Bethel
HOWARD LEROY BETHEL, Ph.,	Halloway
FREEMAN LAMBLE BELLINGER, Sc.,	St. Paris
LOUIS HENRY BURN, Cl.,	Toledo
KAY FELLOWORTH CARMAN, Cl.,	Granville
EMERSON SCHLOSSER CLEM, Sc.,	St. Paris
DAVID DALE CONdit, Sc.,	Jersey
MICHAEL SAMUEL CORDETT, Sc.,	Newcomertown
FRANK CORNELL, Sc.,	Alexandria
FRANK HERBERT COX, Sc.,	Mackburg
GUY CARLTON CRIPPEN, Cl.,	Granville
ALBERT BLAINE CUTHBERTSON, Sc.,	Newcomertown
EDWARD ROLAND DALL, Sc.,	Masonville
STEPHEN AUGUSTUS DOUGLAS, Sc.,	Mansfield
WILLIAM HENRY FOWLE, Cl.,	Milwaukee, Wis.
STUART WILSON GILDERBOUGH, Cl.,	Newark
PHILIP HAYNES GORDON, Sc.,	Bethel
ROBERT HILL, Cl.,	Chatham
ALBERT EDWARDS JONES, Sc.,	Newark
DON CLYDE KITE, Cl.,	Granville
WILLIAM CLARENCE LAFAY, Sc.,	Hannover
FRANKLIN THOMSON LARUE, Sc.,	Imharts town, N. J.
WILLIAM HERBERT LANE, Sc.,	Clifton
ROBERT WILLIAM LONE, Sc.,	Sharon, Pa.
WILBUR FRANKLIN MAXWELL, Cl.,	Newark
CALVIN EARL McMELEN, Ph.,	Fletcher
GUY HALL OLCUTT, Sc.,	Granville
JESSE JOSHUA RUSYAN, Cl.,	Cincinnati
QUINCY LOCKE SANDORN, Sc.,	Loudonville
HARRY SMITH SPENCER, Sc.,	New Straitsville
WILLIAM GRAY SPENCER, Sc.,	Granville
GEORGE WASHINGTON WYMER, Cl.,	Ironton
ELMER BENJAMIN YACK, Ph.,	Waynesfield

MIDDLE CLASS.

FRANK ASHMORE,	Granville.
CAMBRIDGE GRAHAM BECKEL,	Granville.
RAYMOND AUGUSTUS BELT,	Granville.
HOMER CURTIS BROWN,	Clay Lick.
RICHARD FLOYD BUCKLAND,	Granville.
MORRIS WESTWORTH CANNON,	Chicago, Ill.
CLYDE COLBY,	Madison.
RAYMOND CLYDE DITTO,	Delphos.
DECALB FLOYD GODFREY,	Cedar Mills.
PHILIP GOBLE HAINES,	Payette, Id.
PEARL HILTON HUGHES,	Portsmouth.
HAROLD CLIFFORD JOHNSON,	Mt. Vernon.
ROMEO ARMAN JOHNSON,	Newark.
ALBY KITE,	Millersburg.
JOSEPH HOWELL LLOYD,	Youngstown.
JAMES C. LOUGHBRIDGE,	Granville.
CHARLES MANLY MEARS,	Johnstown.
FRANCIS WAYLAND MORLEY,	Sandusky.
WILLIAM ALEXANDER PAYNE,	Kendyle.
LYMEAN WRIGHT ROGERS,	Chicago, Ill.
FRED DANIEL ROGERS,	Granville.
WILLIAM MORRIS SMITH,	Granville.
EDWARD ANA TYLER,	Alexandria.
VORA SAMUEL WARNER,	Granville.
BRUCE TORRENCE WORK,	Granville.

JUNIOR CLASS.

EARL RANKIN BULL,	Dayton.
CHARLES AUGUSTINE CARMAN,	Granville.
THEODORE GEORGE ERLER,	Toledo.
EDGAR GARFIELD HARNER,	Philadelphia, Pa.
HORACE HOLMES HUNT,	Granville.
JAMES FRANKLIN McDONNELL,	Porter.
JOHN LADY OLSEN,	Chicago, Ill.
CHARLES AUSTIN PURINTON,	Cumtelsville, Pa.
DAVID CLAYTON RAILSBACK,	Granville.
MONTRAL GOBLE SHAW,	Nick.
HARRY ARTHUR SHIPLEY,	Johnstown.

JUNIOR CLASS—Concluded.

WILLIAM HARLEY SMITH,	Mansfield.
CHARLES HEDGES STARRETT,	Museville.
EDWARD ANDREW SWEETEN,	Boston, Mass.
ROBERT WALTER TAYLOR,	Toledo.
GEORGE DWIGHT UPSON,	Newark.
ELMER MILLER VANCE,	Hillsboro.
HARRY HOMER WILLIS,	Crooked Tree.

INTRODUCTORY YEAR.

NEWTON HANSCOMB CARMAN,	Granville.
HALBERT MELVIN HAZEN,	Negley.
PERCEY OLIVER ORTE,	Newcometstown.
HARRY BENNETT TAMBLYN,	Cleveland.

ELECTIVES.

CLAUDE EDWARD BOYER,	Joliet, Ill.
FRED REXFORD BURNSIDE,	Alexandria.
BOYD BLAINE CHAMBERS,	Huntington, W. Va.
OWEN ARTIE CHARLES,	Maxville.
JOHN GARDINER CROSS,	Narragansett Pier, R. I.
WILLIAM ANDERS EVANS,	Cambridge.
JOHN WALLACE FULLER,	Columbus.
JAMES FRANKLIN GALLAGHER,	Franklin.
MOSE SIMPSON GRIFFITH,	Batavia.
W. N. GRIMMELL,	Cleveland.
LEE EVERETT GUTRIDGE,	Newark.
BURNS DENT HEMSTED,	Johnstown.
ARTHUR HANDLEY HIXSON,	Newark.
LAWRENCE CLIFTON IRWIN,	Alexandria.
CLARENCE FULTON JONES,	Chicago, Ill.
HOWARD LERSCH,	Elyria.
WILLIAM GLIDDEN LEWIS,	Toledo.
CHARLES FRANKLIN MATHEWS,	Richwood.
HAROLD CHESNEY MCCALL,	Hebron.
WALTER CHARLES METZ,	Newark.
HOMER BRADLEY MILLER,	Bellevue.
BERTWAM ALEXANDER MITCHELL,	Granville.

ELECTIVES — Concluded.

PAUL DUNCAN MITCHELL,	Newark.
ALBERT KING MORRIS,	Middletown.
CHARLES BURTON NICKELS,	Toledo.
RICHARD JOHN OWEN,	Newark.
THOMAS PHILLIPS,	Niles.
JOHN CLINTON PRIOR,	Granville.
CHARLES PROSE,	West Jefferson.
RALPH WILLIS QUICK,	Ft. Collins, Colo.
EDWIN COXE ROBERTS,	Granville.
FRED RUSSELL RUMMELL,	Mansfield.
LEVI LEE SHEPHERD,	Cincinnati.
BENJAMIN ANTHONY SHEERWIN,	Granville.
CHARLES WILLIAM SHINN,	Flora, Ill.
HARRY N. SHUTTS,	Granville.
ASHBEL FAIRCHILD SIMPSON,	Hopwood.
JOHN CRISWELL SWARTZ,	Granville.
RAYMOND HULTS TEACEY,	Hubbard.
GROVER CLEVELAND TUSSING,	Brice.
TOGOYUKI WATANABE,	Formosa, Japan.
ROY LESLIE WELLS,	Alexandria.
FREDERICK FLEEK WRIGHT,	Newark.

IV. CONSERVATORY OF MUSIC.

BOARD OF CONTROL.

EMORY W. HUNT, HARRIET MARIA BARKER,
SUSAN MAXWELL MOORE.

FACULTY.

SUSAN MAXWELL MOORE.

DEAN.

Pianoforte, Ensemble Classes.

JENNIE ELIZABETH BLINN.

Voice, Counterpoint.

ARTHUR L. JUDSON.

*Professor of the Violin, Harmony, Orchestra, Form,
History.*

FREDERICK E. CLUFF.

Pipe Organ and Piano.

EDNA STRANATHAN.

Assistant in Voice, Ensemble Classes, Theory.



CONSERVATORY.



DEPARTMENTS OF INSTRUCTION.

- I. Course in Piano.
 - II. Course in Voice Culture.
 - III. Course in Violin.
 - IV. Course in Organ.
 - V. Course in Theory: a. Theory and Elementary Harmony. b. Advanced Harmony. c. Counterpoint. d. History of Music. e. Analysis of Form.
 - VI. Ensemble Classes. a. Chorus. b. Orchestra. c. Piano. d. String Quartette. e. Glee Club. f. Sight-reading Class. g. Mandolin Club.
-

I. COURSE IN PIANO.

This course embraces five grades, extending from a well organized juvenile department (the teachers of which have made special preparation for this branch of the work), to pupils capable of pursuing advanced work.

It is a difficult matter to specify a set course adapted to the needs of all pupils, so it has seemed best to suit the work to individual requirements. Such a course includes:

- I. Technical exercises, intended to give control of the muscles of fingers, hands and arms.

II. Etudes by best composers, both of classical and modern school, designed further to develop powers of execution.

II. VOICE.

True cultivation of the voice involves the study of the control of the entire human body. Wrong voice production is the result of wrong mental and muscular action.

Special attention, therefore, is given to correct standing position, perfect control of breath, freedom of throat, agreeable facial expression, and distinct enunciation. It is intended to follow closely the ways of the great English masters, who combine the best elements of the old Italian school (represented by Lamperti) with certain ideas belonging to the German school.

The teachers in this department aim to give the pupils a foundation training, which will preserve the voice, and strengthen the throat, as well as attain the great end—the making of beautiful tones.

III. VIOLIN.

Realizing the comparative inefficiency of a prescribed course of study in the Violin Department for pupils whose ability and temperament must differ widely, the last three grades of the course have been omitted, the work done being left to the discretion of the teacher. The course will consist of five grades requiring at least four years to complete. The needs of all beginners being similar, the first three grades are studied as follows:

FIRST GRADE.

Mazas, Violin School.
Wohlphart, Op. 45 Book I.
Kayser, Op. 20, Book I.
Meerts, 12 Elementary Studies.

SECOND GRADE.

Wohlphart, Op. 45, Book II.
Dont, Op. 38.
Kayser, Op. 20, Book II.
Dancla, Op. 68.

THIRD GRADE.

Mazas, Op. 36, Suite I.
Kayser, Op. 20, Book III.
Kreutzer Etudes (first half).

The studies for the next two grades will be selected according to the needs of the pupil, from the following works:

Kreutzer Etudes (last half).
Mazas, Op. 36, Book II.
Alard, Op. 41, Suites I and II.
Rode, 24 Caprices.
Schrædich, Technical Studies.
Bendix, Scale Studies.
Fiorillo, 36 Caprices.
Campagnoli, Seven Positions.
Dancla, Op. 73.
Leonard, "La Gymnastique du Violiniste."
Ronelli, Etudes.
Concertos, De Beriot, 7, 9.
Ballet Fantasia, Viotti, 22, 23.

Bazzini, Militaire; Vieuxtemps, Ballade and Polonaise.

Sonatas, Corelli, Handel, Nardini, Mozart, Grieg, Op. 8, 45.

IV. COURSE IN ORGAN.

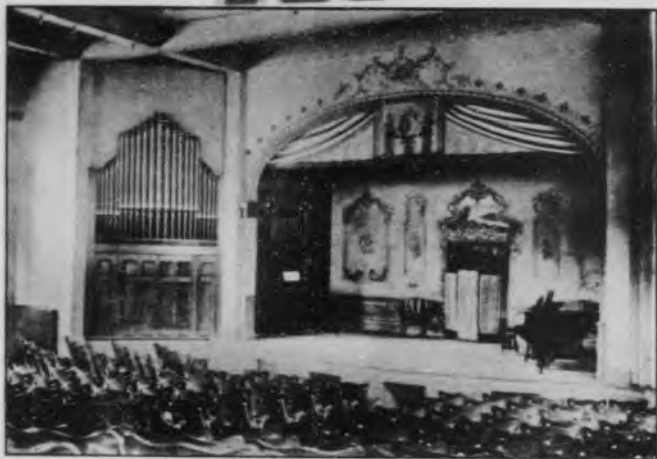
Through the generosity of Doctor W. H. Doane of Cincinnati, a beautiful Hook and Hastings Organ was installed in the Recital Hall during the summer of '02, so that instruction is now offered upon this instrument.

The course in Organ will follow that of the best teachers in the large cities, but adapted to the needs of the individual pupil. Selections of studies will be made from the works of Ruck, Lemmens, Whiting, Dunham, Foote and Whitney, for the purpose of acquiring a good manual and pedal technique and thorough knowledge of registration. The organ works of J. S. Bach, Mendelssohn, Guilman and Lemaigre will also be studied, and selections made from the works of the best English and American composers.

The aim of the course will be to make the instruction thoroughly practical, in order that the student may be capable of filling a church position, after completing the course. To this end, extensive experience in playing hymns, accompaniments of anthems, solos, etc., will be required, and hints given as to their proper rendering, so that one will become familiar with everything that an organist is expected to understand.

A class in Church Music will be maintained, where a good opportunity will be offered to acquire experience in playing a complete church service before the class with hints in choir directing.





RECITAL HALL: THE DOANE ORGAN.

Correction - The matter on this page should follow the course in Advanced Harmony, page 143.

(c) COUNTERPOINT.

FIRST TERM.

Equal and unequal counterpoint, in four parts.

SECOND TERM.

Equal and unequal counterpoint in two and three parts.

THIRD TERM.

Double and triple counterpoint.

(d) HISTORY OF MUSIC.

This course deals with the origin and development of Instruments, Notation and Form from a historical standpoint. It comprises weekly lectures, extending through three terms, a definite course of reading, essays by the pupils, and a series of historical recitals illustrating the lectures. A carefully selected library of books of history, biography and reference furnishes ample material for the pupils' reading.

(e) ANALYSIS OF FORM.

The work in this class will supplement that of the history class and will be open to those who have finished that work, or have given satisfactory proof that they possess the necessary musical knowledge. There will be weekly recitals alternating with lectures, historical and explanatory, and the performance and exposition of some acknowledged masterpiece of the form under discussion. This course is especially designed to enable its students to become intelligent hearers and critics of good music. The Canon, Fugue, Sonata, Symphony, Song, Opera and many of the smaller forms will be studied.



V. COURSE IN THEORY.**a. THEORY AND ELEMENTARY HARMONY.**

FIRST TERM.

Acoustics, musical terms, notation.

SECOND TERM.

Scale formations, Intervals.

THIRD TERM.

Triads, chords of dominant seventh, connection and inversion.

b. ADVANCED HARMONY.

FIRST TERM.

Secondary seventh chord, chromatic changes, modulations.

SECOND TERM.

Modulations (original), with drill in writing and playing. Suspensions.

THIRD TERM.

Part writing in score. C clef. Chants and chorals. Original chord writing.

Text-books: Emery's Elements, and Chadwick's Harmony.

VI. ENSEMBLE CLASSES.**a. Chorus.**

The choral society is open to all who are prepared for this work. It is under efficient direction, and furnishes an opportunity for studying the best choral compositions.

b. Orchestra.

An opportunity will be given to those sufficiently advanced in the use of orchestral instruments to play

in an orchestra of twenty-five pieces. The orchestra, now in its fourth year, has made such advancement that it already occupies a prominent place in the work of the Conservatory. Symphonies, overtures, orchestral accompaniments and smaller pieces, classical and modern, will be studied during the course of the year.

c. *Piano.*

All piano pupils of sufficient advancement are expected to do work in ensemble classes, duet and quartette. This work is especially designed to give independence in sight reading and familiarize the pupils with standard compositions.

d. *String Quartette.*

Two string quartettes (two violins; viola and cello) are maintained for the purpose of affording pupils in violin department practice in ensemble work.

e. *Denison University Glee Club.*

This organization has proven so successful during the past two years that its permanency is an assured fact. It consists of sixteen male voices picked from the best material in the school. It is customary to fill many important outside engagements during the school year, the number filled growing larger each year. The Club is under the direction of Mr. Judson.

f. *Sight-reading Class.*

A class in sight-reading and ear-training is open to voice pupils.

g. *Denison University Mandolin and Guitar Club.*

This Club has been but recently formed and has a membership of twenty. It is essentially popular in character and studies many of the best imported compositions. It will accompany the Glee Club in its

trips besides filling dates of its own. Mr. Judson is director.

REQUIREMENTS FOR GRADUATION.

Diplomas will be granted to students who have pursued the course of study prescribed for their special department, and have given evidence of requisite musical ability. This diploma will be granted only to those who display artistic ability in public performance. To students completing prescribed work but not desiring to make a specialty of public performance a certificate stating the amount and character of the work done will be given.

Theoretical work required in all departments is: Theory and Elementary Harmony, three terms. Advanced Harmony, three terms. Counterpoint, three terms. History of Music, three terms. Analysis of Form, two terms. In voice and violin departments pupils will be required to pursue the study of piano sufficiently (three terms as a minimum), to enable them to read easy accompaniments at sight.

In addition to the work required in the Conservatory, candidates for graduation will be required to complete the following academic studies: One year of Modern Language; English and Mathematics corresponding to entrance requirements for Denison University.

The presentation of satisfactory evidence that this work has been completed elsewhere, will be accepted upon same terms as in Denison University.

NOTICE.—Classes in Theory are open to all pupils free of charge. The Ensemble Classes, Practice Clavier and Sight-reading class are free advantages.

VISITING ARTISTS.

William H. Sherwood, *Pianist*.

Madame Corinne Moore Lawson, *Soprano*.

Oley Speaks, *Basso*.

Spiering String Quartette, Chicago.

Philharmonic String Quartette, Cleveland.

Miss Rosa L. Kerr, *Pianist*.

Leroy McMakin, *Violinist*. (Cincinnati Conservatory.)

EXPENSES BY TERMS.

FALL TERM—14 Weeks.

Pianoforte, voice, violin, organ; private half-hour lessons twice a week	\$16 00
Pianoforte, voice, violin, organ; private half-hour lessons once a week	8 00
Harmony; class lesson three hours a week	5 00
History of Music	2 00
Musical Form	2 00
Rent of piano per hour	05
Rent of Music	50
Fee for use of Library	1 00
Children's lessons; two hours a week in classes	2 50
Choral Society initiation fee; not required from voice pupils	1 00
Choral Society term dues	25

WINTER TERM—12 Weeks.

Pianoforte, voice, violin, organ; private half-hour lessons twice a week	\$14 00
Pianoforte, voice, violin, organ; private half-hour once a week	7 00
Harmony; class lessons three hours per week	4 00
Other expenses as in Fall Term	

SPRING TERM—10 Weeks.

Pianoforte, voice, violin, organ; private half-hour lessons twice a week	\$12 00
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Pianoforte, voice, violin, organ; private half-hour lessons once a week	6 00
Harmony; class lessons three hours per week	3 00
Elementary Harmony	1 00
Other expenses as in Fall Term	

NOTICE — The Ensemble Classes and the practice on the Clavier are *free* advantages to piano pupils.

GENERAL INFORMATION.

Students may enter at any time, but cannot register for less than a half term.

All students are under obligation to perform at the regular examinations and recitals, according to the discretion of the teacher, and are not allowed to perform in public without the consent of the instructor.

The circulating library furnishes all necessary music for students.

The length of the course depends upon the native talent and the perseverance of the student.

Artists' recitals take place during the school year, which pupils are enabled to attend by payment of a small fee.

Pupils' recitals occur semi-monthly. All music students are expected to be present.

Public recitals are given at close of Fall and Spring terms.

Pupils desiring to enter the Senior Class in Piano will be expected to have satisfactorily completed the work preparatory to the fifth grade. If the preliminary work in any special department and the required theoretical work shall have been done elsewhere than in the Conservatory an examination on such work will be given at the beginning of the Senior year. All members of the Senior class will be expected to take part in at least three recitals during the Senior year, in addition to final performance at the Commencement Concert.

REQUIREMENTS FOR GRADUATION AND TUITION FEES.

	First Year.	Second Year.	Third Year.	Fourth Year.	
Piano.	Theory 3. Piano 2. \$45.	Harmony 3. Piano 2. \$54.	Counterpoint 2. History of Music 1. Piano 2. \$60.	Musical Form 2. Piano 3 (¼). \$35.50.	\$102.00
Voice.	Theory 3. Piano 2 (¼). Voice 2. \$64.	Harmony. Voice 2. \$64.	Counterpoint 2. History of Music 3. Voice 2. \$63.	Musical Form 2. Voice 2. \$46.	\$254
Violin.	Theory 3. Piano 3 (¼). Violin 2. \$64.	Harmony 3. Violin 2. \$54.	Counterpoint 2. History of Music 2. Violin 2. \$60.	Musical Form 2. Violin 2. \$46.	\$254
Organ.	Theory 3. Piano 3. \$45.	Harmony 2. Organ 2. \$54.	Counterpoint 2. History of Music 2. Organ 2. \$61.	Musical Form 2. Organ 3 (¼). \$35.50.	\$102.00

Numbers after subjects indicate number of terms; in parentheses, indicate fraction of time when less than full time may be taken; in left lower corner, tuition for the year; and at the end of course tuition for the entire four years. This covers only tuition; incidentals, library fees, piano and organ rental, and graduation fees extra.

STUDENTS IN CONSERVATORY OF MUSIC.

SENIORS.

PIANO.

LISTA ALICE GEIL,	Maxville.
ESTELLE MAE KING,	King's Mills.

VOICE.

LISTA ALICE GEIL,	Maxville.
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VIOLIN.

FRANK BELFORD AMOS,	Cambridge.
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UNCLASSIFIED.

ALICE AGRINS,	Granville.
NELLIE F. BARR,	Pleasantville.
LOUISE P. BOND,	Chicago, Ill.
JULIA M. BOMER,	Newark.
DEILAH BLANCHE BOWMAN,	Maxville.
MARY MARGARET BROTHERTON,	Delphos.
HENRIE LOUISE BUCKLAND,	Granville.
FRED A. BURNETT,	Gambier.
MABEL ALICE BUTTERFIELD,	Granville.
ETHEL INEZ BUNTON,	Homer.
JOY CARMAN,	Granville.
RAY CARMAN,	Granville.
CLARISSA CARROLL,	Alexandria.
ANNA MAUD CHAMBERS,	Cumberland.
IRENE M. CHAMBERS,	Amanda.
ALLIEBETE MARGARET CHRYSLER,	Granville.
PAUL CLEVELAND,	Mt. Gilead.
EMILY KERR COLWELL,	Granville.
BEULAH ACHSA CONBIT,	Jersey.
DANIEL DODGE CONBIT,	Jersey.
BETTY DUNKIN CORPENNING,	Lumberport, W. Va.
SARAH BELLE COX,	Macksburg.

UNCLASSIFIED — Continued.

HELEN M. CRANE,	Newark.
GRACE V. CRAWFORD,	Andrews.
GUY CARLETON CRIPPEN,	Granville.
JOHN GARDINER CROSS,	Narragansett Pier,
	R. I.
VIVA KELSO DICKERSON,	Jersey.
RUTH ANNA DRAKE,	Piqua.
LORETTA FRANCES EAGLESON,	Granville.
NELLIE EVANS,	Granville.
SYLVIA E. EVANS,	Johnstown.
PEARL CYNTHIA FERGUSON,	Granville.
VINTON ERNEST FIELD,	Fort Wayne, Ind.
SARAH ADELINE FLEMING,	Browning, Mo.
GEORGINA V. A. FRANCIS,	Newark.
LORA FRY,	Woodsfield.
ABBY O. GEACH,	Granville.
MAMIE R. GEACH,	Granville.
HELEN J. GRAFF,	Newark.
JESSIE G. GREENE	Pataskala.
MARY CROSSLEY HALL,	Newark.
MARTHA GRACE HARFORD,	Granville.
MRS. CLAIRE HAZEN,	Granville.
GRACE ADELLA HENDERSON,	Smithfield.
ELSIE HIRSCHBERG,	Newark.
ROSALIE ST. CLAIR HISEY,	Dayton.
FAYE HULSHIZER,	Granville.
STELLA MAY HUMBERT,	Howard.
HARRIET O. HUNT,	Granville.
HORACE HOLMES HUNT,	Granville.
HELEN K. HUNT,	Granville.
MILDRED HUNT,	Granville.
FRANCES DALE JOHNSON,	Parkersburg, W. Va.
ELMER MAURICE JONES,	Alexandria.
EDITH TENESSA JONES,	Canton.
RACHEL BERNICE JONES	Granville.
BLANCHE KINCK,	Kirkersville.
WILLIAM G. LEWIS,	Toledo.
MRS. MARTHA J. LLOYD,	Granville.

UNCLASSIFIED — Continued.

FLOSSIE LUDY,	Zanesville
BERTHA MAE McDONALD,	Dresden
GEORGIA MARDIS,	Granville
FLORENCE SAREPTA MARSH,	Granville
LENA C. McCALL,	Hebron
ABIGAIL H. McCOLLUM,	Cambridge
MARGARET McKIBBEN,	Granville
MARY L. McKIBBEN,	Granville
PAUL STILLWELL McKIBBEN,	Granville
LILLIAN MORGANSON,	Grand Rapids
BERTHA IGNA MILES,	Johnstown
MARY BELLE NEWTON,	Bowling Green
GRACE LILLIAN NICHOLS,	Bedford
FLORENCE MARY NICKELS,	Toledo
ESTHER CHRISTINE NIXON,	Granville
HAZEL RUTH PATTON,	Homer
ARTHUR NOYES PECKHAM,	Kingsport, R. I.
THOMAS PHILLIPS,	Wilkesbarre, Pa.
DONALD HUSTED POWERS,	Norwalk
EDWIN COKE ROBERTS,	Granville
HATTIE ANTOINETTE ROGERS,	Granville
JULIA IRENE ROGERS,	Granville
EDNA A. RUGG,	Outville
LENA RUGG,	Outville
CATHERINE SEDGWICK,	Granville
MARGE SHAPER,	Newark
ALTA SILER,	Ohlong, Ill.
JOHN WHITCOMB SHEPARDSON,	Chicago, Ill.
GRACE ADA SIDORS,	Urbana
MRS. A. H. Sisson,	Newark
HENRY JOHN SKIPP,	Pittsburg, Pa.
SHIRLEY SLACK,	Granville
MARTHA I. SMOOTE,	Cleveland
GWLAGYS SPENTER,	Granville
ABIGAIL SPIGER,	Granville
ELLA GRACE STANTON,	Newark
GRACE E. STENGLE,	Granville
MRS. ARTHUR E. TAYLOR,	Newark

UNCLASSIFIED — Concluded.

SARAH ELEANOR THOMAS,	Bay City, Mich.
HAZEL F. THOMAS,	Newark.
MINNIE G. TIGHT,	Granville.
MRS. W. G. TIGHT,	Granville.
BESSIE TRUMPER,	London.
GEORGE CLEVELAND TUSSING,	Bryce
HOPE TUENBAUGH,	Cambridge.
MARY CATHERINE TUTTLE,	Granville.
EDITH FRANCIS WATSON,	Granville.
GRACE WELLS,	Granville.
KATHRYN ZELLA WHITE,	Johnstown.
LUCY MYRTLE WHITE,	Freemansburg, West Va.
CORA ELLEN WILLIAMS,	Alexandria.
HELEN WILLIAMS,	Granville.
RUTH WORK,	Granville.
JESSIE WORK,	Granville.
GRACE WRIGHT,	Croton.
MARY E. WRIGHT,	Dresden.
GRACE EDNA YOAKAM,	Homer.



CORRECTION!!!

The previous document(s) may
have been filmed incorrectly...

Reshoot follows

UNCLASSIFIED — Continued.

FLOSSIE LUDY,	Zanesville.
BERTHA MAE McDONALD,	Dresden.
GEORGIA MARDIS,	Granville.
FLORENCE SAREPTA MARSH,	Granville.
LENA C. McCALL,	Hebron.
ABIGAIL H. McCOLLUM,	Cambridge.
MARGARET McKIBBEN,	Granville.
MARY L. McKIBBEN,	Granville.
PAUL STILLWELL McKIBBEN,	Granville.
LILLIAN MEGGINSON,	Grand Rapids.
BERTHA IONA MILES,	Johnstown.
MARY BELLE NEWTON,	Bowling Green.
GRACE LILLIAN NICHOLS,	Bedford.
FLORENCE MARY NICKELS,	Toledo.
ESTHER CHRISTINE NIXON,	Granville.
HAZEL RUTH PATTON,	Homer.
ARTHUR NOYES PECKHAM,	Kingsport, R. I.
THOMAS PHILLIPS,	Wilkesbarre, Pa.
DONALD HUSTED POWERS,	Norwalk.
EDWIN COKE ROBERTS,	Granville.
HATTIE ANTOINETTE ROGERS,	Granville.
JULIA IRENE ROGERS,	Granville.
EDNA A. RUGG,	Onville.
LENA RUGG,	Onville.
CATHERINE SEDGWICK,	Granville.
MARCE SQUARER,	Newark.
ALTA SILEY,	Oblong, Ill.
JOHN WHITCOMB SHEPARDSON,	Chicago, Ill.
GRACE ADA SIBBERS,	Urbana.
MRS A. H. SISON,	Newark.
HENRY JOHN SKIFF,	Pittsburg, Pa.
SHIRLEY SLACK,	Granville.
MARTHA J. SMOOTS,	Cleveland.
GWLADYS SPENCER,	Granville.
ABIGAIL SPIDER,	Granville.
ELLA GRACE STANTON,	Newark.
GRACE E. STENGER,	Granville.
MRS ARTHUR E. TAYLOR,	Newark.

UNCLASSIFIED — Concluded.

SARAH ELEANOR THOMAS,	Bay City, Mich.
HAZEL F. THOMAS,	Newark.
MINNIE G. TIGHT,	Granville.
MRS W. G. TIGHT,	Granville.
BESSIE TRUMPER,	London.
GEORGE CLEVELAND TUSSING,	Bryce.
HOPE TURNBAUGH,	Cambridge.
MARY CATHERINE TUTTLE,	Granville.
EDITH FRANCIS WATSON,	Granville.
GRACE WELLS,	Granville.
KATHRYN ZELLA WHITE,	Johnstown.
LUCY MYRTLE WHITE,	Freemansburg, West Va.
CORA ELLEN WILLIAMS,	Alexandria.
HELEN WILLIAMS,	Granville.
RUTH WORK,	Granville.
JESSIE WORK,	Granville.
GRACE WRIGHT,	Croton.
MARY E. WRIGHT,	Dresden.
GRACE EDNA YOAKAM,	Homer.

V. SCHOOL OF ART.

VIRGINIA BOND THORNE,

DIRECTOR.

Drawing and Painting.

CARIE MARIE HOWLAND,

China Painting.

HARRIET M. BARKER,

History of Art.

The work in Art is arranged as follows:

I. DRAWING.

FIRST GRADE.

Outlines from geometrical solids.

Theory of perspective.

Simple studies from still live objects.

Outlines from mask and separate features.

SECOND GRADE.

Hands and feet from cast.

Shaded heads from cast.

Detached features of face.

THIRD GRADE.

Heads and figures from cast.

Elaborate studies from still life.

Heads and figures from life.

II. WATER COLORS AND OILS.

In this work thorough study is given to Composition, Color, Texture, Values, Light and Shade.

Besides the work of the regular courses, classes may be formed in China Decoration, Tapestry Painting, and Decorative Designs. Drawing from life is also one of the chief features. During the Spring term, classes will sketch from nature, the scenery around Granville being especially picturesque and varied.

Those registered for regular work in the art studio are admitted, free of charge, to the class in History of Art, which embraces the study of architecture, sculpture, painting and the lives of the great masters.

An Art Reception will be given during Commencement week, at which time the work done in the studio during the year will be on exhibition. For this reason it is important that the work be left in charge of the Director of the Department until the close of the year.

The Art graduates are invited to leave one specimen, each, of their work as a gift to the college.

Pupils will receive certificates from the Art Department after having completed the required course of three years.

TUITION IN SCHOOL OF ART.**FALL TERM.**

Painting, Oil	\$16 00
" China	16 00
" Water Colors	14 00
Pastel	14 00
Black and White	14 00

WINTER TERM.

Painting, Oil	\$14.00
" China	14.00
" Water Colors	12.00
Pastel	12.00
Black and White	12.00

SPRING TERM.

Painting, Oil	\$12.00
" China	12.00
" Water Colors	10.00
Pastel	10.00
Black and White	10.00
Extra for each Crayon portrait	2.00

STUDENTS IN ART.

AMY JEANETTE DODSON,	Columbus.
PEARL CYNTHIA FERGUSON,	Granville.
MARY LOUISE JONES,	Newark.
ETHELLE MAE KING,	King's Mills.
LILLIAN MCGENSON,	Grand Rapids.
MARIAN OGLE,	Washington C. H.
CORA ELIZABETH WARNER,	Granville.
LUCE MYRTLE WHITE,	Freemansborg, West Va.

ORATORY AND ELOCUTION.

C. EDMUND NEIL.

The work in this department is along the line of science as well as that of art. Until recently but little attention was paid to the underlying principles of expression. The subject was taught almost entirely as an *imitative art*. Progressive thinkers have now so developed and systematized the constituent elements of voice and action that the study of oratory is taking a place by the side of the sister sciences in the best curricula of our country. In recognition of this fact the University gives credit, as an elective study, to work done in Oratory and Elocution, in proportion to the number of hours taken. The following courses are offered, each occupying one college term.

I. *Principles of Elocution.* A study of vocal organs and muscles; methods of breathing; vocal culture for purity, strength, compass, flexibility and sustaining power. Study and application of vocal elements; form, degree, stress, quality. First principles of action.

II. *Principles of Elocution.* Vocal culture continued. Study and drill in the vocal elements; pitch, degree, change, melody, time, quantity, pause, movement. Completion of principles of action. Analysis, preparation and rendition of selections. Criticism of application of elements.

III. *Literary Analysis and Rendition.* Development of individuality in voice and action. Lectures on analysis, mind, concentration, imagination, memory,

scene building and interpretation. Individual study of selections from every style. Rendition of prescribed selections and criticism by members of class and instructor.

IV. *Argumentation and Debate.* Lectures on ex tempore speaking, principles of debate, preparation of briefs, arrangement of argument, team work, and rebuttal. Ex tempore speeches and debates required of every student.

V. *Original Orations.* Lectures on styles of address, kinds of discourse, construction of speeches, ancient, mediæval and modern oratory, and the sources of eloquence. Declamation of selections from great orators. Preparation and delivery of topical speeches and original orations.

VI. *English Classics.* Lectures on Shakespeare, Dickens, Browning, and Tennyson. Study, interpretation, and memoriter rendition of one of Shakespeare's plays. Interpretative analysis of one other play and of selections from other English masters.

SUMMARY OF STUDENT ATTENDANCE.

Graduate Students.		4
Seniors, Granville College.	21	
Shepardson College.	9	
Shepardson two years course.	5	35
Juniors, Granville College.	16	
Shepardson College.	13	
	—	29
Sophomores, Granville College.	15	
Shepardson College.	16	34
Freshmen, Granville College.	43	
Shepardson College.	20	63
Electives, Granville College.	49	
Shepardson College.	23	72
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